

# La Salle University

Evening Division



Bulletin 1988-1989



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**La Salle University**  
**Evening Division**  
**Bulletin 1988-1989**



## AN EQUAL OPPORTUNITY UNIVERSITY

La Salle University does not discriminate against any applicant because of race, color, creed, sex, age, physical handicap, or national origin. Admission is based upon an applicant's qualifications and ability to meet the established requirements for admission and for specific programs.

## ACCREDITATION AND MEMBERSHIPS

La Salle University was chartered in 1863 as La Salle College by the Legislature of the Commonwealth of Pennsylvania and is empowered by that authority to grant academic degrees. It is accredited by the Middle States Association of Colleges and Secondary Schools, the Pennsylvania Department of Education, the Regents of the University of the State of New York, the American Chemical Society, the Pennsylvania State Board of Law Examiners, the Council of Social Work Education and the National League for Nursing.

The University is a member of the American Council on Education, the Association of American Colleges, the College Entrance Examination Board, the American Association of Collegiate Registrars and Admissions Officers, the Association of College Admissions Counselors, the National Catholic Educational Association, the College and University Council of Pennsylvania, the Association of Liberal Arts Colleges of Pennsylvania for the Advancement of Teaching, the Pennsylvania Catholic Education Association, the American Library Association, the National Commission on Accrediting, the American Catholic Historical Society, the Educational Conference of the Brothers of the Christian Schools, the National Association for Foreign Student Affairs, the Association for Continuing Higher Education, the North American Association of Summer Sessions, and the National University Continuing Education Association.

## RIGHTS AND PRIVACY ACT PROVISIONS

Each year, La Salle University informs students of the Family Educational Rights and Privacy Act of 1974. This Act was intended to protect the privacy of educational records, to establish the right of students to inspect and review their educational records, and to provide guidelines for the correction of inaccurate or misleading data through informal or formal hearings.

To fulfill basic requirements for compliance with the Act, each institution must inform each student of his/her right to prevent disclosure of personally identifiable information. Although La Salle does *not* publish a public directory, the Office of the Registrar, at its discretion, does disclose the following information: Name, address, dates of attendance, class, major field of study, and degree(s) conferred (including dates).

Under the provisions of the Rights and Privacy Act, currently enrolled students may withhold disclosure of such information. To prevent disclosure, written notification must be received by the Office of the Registrar by October 1st in the Fall Semester and February 15th in the Spring Semester.

The University will honor each request to withhold any of the categories of information listed above but cannot assume responsibility to contact a student for subsequent permission to release them. Decisions about withholding any information should be made very carefully. Should a student decide to inform the institution not to release any information, any future requests for such information from non-institutional persons or organizations will be refused.

La Salle University assumes that failure to request the withholding of "directory information" indicates approval for disclosure.

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# ACADEMIC CALENDAR 1988-89

## FALL 1988

AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2 3 4 5 6	1 2 3	1	1 2 3 4 5	1 2 3
7 8 9 10 11 12 13	4 5 6 7 8 9 10	2 3 4 5 6 7 8	6 7 8 9 10 11 12	4 5 6 7 8 9 10
14 15 16 17 18 19 20	11 12 13 14 15 16 17	9 10 11 12 13 14 15	13 14 15 16 17 18 19	11 12 13 14 15 16 17
21 22 23 24 25 26 27	18 19 20 21 22 23 24	16 17 18 19 20 21 22	20 21 22 23 24 25 26	18 19 20 21 22 23 24
28 29 30 31	25 26 27 28 29 30	23 24 25 26 27 28 29 30 31	27 28 29 30	25 26 27 28 29 30 31

August	29 to 31	{ Monday to Wednesday	In-Person Registration (Main Campus only)
September	6	Tuesday	Orientation for New Students-7:00 P.M.
	7	Wednesday	Classes Begin, Late Registration, Change of Roster
	10	Saturday	Registration for Saturday Classes Saturday Classes begin-9:00 A.M. Organizational Meetings for Six Saturdays Series A Classes-9:30 A.M. Series B Classes-10:30 A.M.
	13	Tuesday	Last Date for Late Registration and Change of Roster
	17	Saturday	Six Saturdays, Series A-Classes Begin CLEP Exams
	24	Saturday	Six Saturdays, Series B-Classes Begin
	29	Thursday	Last Date to Opt P/F Grades in Elective Courses
October	1	Saturday	Six Saturdays, Series A-Classes Meet Study Skills Workshop-10:00 A.M.-4:00 P.M.
	8	Saturday	Six Saturdays, Series B-Classes Meet
	15	Saturday	CLEP Exams Six Saturdays, Series A-Classes Meet
	22	Saturday	Six Saturdays, Series B-Classes Meet
	23	Sunday	Academic Convocation
	29	Saturday	Six Saturdays, Series A-Classes Meet
November	5	Saturday	Six Saturdays, Series B-Classes Meet
	8	Tuesday	Mid-Semester Grades Due
	12	Saturday	Six Saturdays, Series A-Classes Meet
	15	Tuesday	Last Date to Withdraw
	19	Saturday	Six Saturdays, Series B-Classes Meet CLEP Exams
	23 to 27	Wednesday to Sunday	Thanksgiving Holidays
December	3	Saturday	Six Saturdays, Series A-Classes Meet
	10	Saturday	Six Saturdays, Series B-Classes Meet
	14	Wednesday	Fall Semester Classes End
	15 to 21	Thursday to Wednesday	Final Examinations
January 1989	3	Tuesday	Fall Semester Grades Due, 9:00 A.M.
	5	Thursday	Fall Semester Make-up Final Exams
	9 to 11	{ Monday to Wednesday	In-Person Registration (Main Campus only)
	12	Thursday	Orientation for New Students-7:00 P.M.

# SPRING 1989

## JANUARY

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## FEBRUARY

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## MARCH

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## APRIL

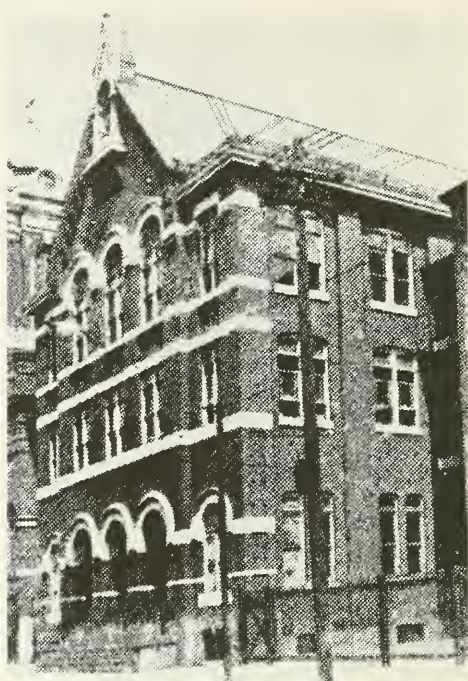
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## MAY

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28 29 30 31

January	14	Saturday	Organizational Meeting for Six Saturday Classes Series A-9:30 A.M. Series B-10:30 A.M.
	16	Monday	Classes Begin, Late Registration, Change of Roster
	19	Thursday	Last Date for Late Registration and Change of Roster
	21	Saturday	Registration for Saturday Classes Saturday Classes Begin-9:00 A.M. Six Saturdays, Series A-Classes Begin CLEP Exams
	28	Saturday	Six Saturdays, Series B-Classes Begin
February	3	Friday	Last Date to Opt P/F Grades in Elective Courses
	4	Saturday	Six Saturdays, Series A-Classes Meet
	11	Saturday	Six Saturdays, Series B-Classes Meet
	18	Saturday	Six Saturdays, Series A-Classes Meet
	25	Saturday	Six Saturdays, Series B-Classes Meet
March	4	Saturday	Six Saturdays, Series A-Classes Meet
	6 to 10	Monday to Friday	Mid-Semester Holiday; Snow Make-up Date, if necessary
	11	Saturday	Saturday Classes Meet Six Saturdays, Series B-Classes Meet
	14	Tuesday	Mid-Semester Grades Due
	18	Saturday	Six Saturdays, Series A-Classes Meet CLEP Exams
	21	Tuesday	Last date to withdraw
	24 & 25	Friday and Saturday	Easter Holidays
	27	Monday	Classes Resume
April	1	Saturday	Six Saturdays, Series A-Classes Meet
	8	Saturday	Six Saturdays, Series B-Classes Meet
	15	Saturday	CLEP Exams Six Saturdays, Series A-Classes Meet
	22	Saturday	Six Saturdays, Series B-Classes Meet
	29	Saturday	Spring Semester Classes End Six Saturdays, Series A-Final Exam
May	1 to 5	Monday to Friday	Final Exams
	6	Saturday	Six Saturdays, Series B-Final Exams
	13	Saturday	Baccalaureate Liturgy
	14	Sunday	Commencement
	15	Monday	Spring Semester Grades Due-9:00 A.M.
	18	Thursday	Make-up Final Exams-7:00 P.M.
	20	Saturday	CLEP Exams





*The modern lines of the Holroyd Science Center contrasted here with St. Michael's School, the original home of La Salle in 1863.*



*College Hall Tower and the Lawrence Library, seen from Leonard Quad.*



*Belfield Farm, seen from College Hall.*



# THE UNIVERSITY

## HISTORY

In 1863, the Commonwealth of Pennsylvania granted a charter to the founders of La Salle College and the Christian Brothers' school was opened at St. Michael's parish. Steady growth of enrollments and academic programs required several changes in location, first in 1867, into Center City to a site at Juniper and Filbert Streets. Despite the youth of the college, La Salle became a well-known and active part of Philadelphia life, staging musical and dramatic performances at the Academy of Music, hosting lectures, debates and art exhibitions, experimenting with academic, news and professional publications, and later, participating in athletic competition. The tradition of involvement in the diverse life of the city has continued throughout La Salle's history. In the early 1880's, the college moved to Broad and Stiles Streets, purchasing the Bouvier mansion built by Jacqueline Kennedy Onassis' great-great-grandfather. Even with renovations and expansion, these facilities were also outgrown and in 1929, La Salle moved to its present location at Olney Avenue and 20th Street, taking over part of the historic



*Brother Patrick Ellis, F.S.C., Ph.D.  
President, La Salle University*

Belfield Farm, former home of the American painter, Charles Willson Peale. Construction at this location included the library, several dormitories, the science center, the union building, student chapel, classroom buildings and recreation center. In 1984, La Salle College became La Salle University and, shortly thereafter, purchased the rest of the Peale property, initiating another era of growth. Restoration of the original Peale home, known as *Belfield*, has been completed and is the new location for the offices of the president and other administrators. The building dates from the 1730's and is a registered national historic landmark. Construction is completed on a new library and tennis courts, expanding the La Salle campus and providing for the further development of physical facilities, academic programs and student life.

## PHILOSOPHY

La Salle University was founded by the Christian Brothers and is committed to a tradition that views education as the free search for truth. The University therefore sees its basic purpose as creating an environment in which that search can take place, cultivating in students the desire, and developing the skills and materials necessary for the search. Such an education involves both intellectual and spiritual development, which means both the academic and personal confrontation with the ultimate questions of human existence. In pursuit of these goals, La Salle challenges students to free themselves from narrow interests and prejudices, to observe the world with precision, judge events and opinions critically, think logically, communicate effectively and sharpen aesthetic perception. La Salle's curriculum also provides the opportunity to gain specialized knowledge in one field of learning as a preparation for graduate study or professional life.

As a private Catholic University, La Salle pursues these aims in a religiously diverse community of teachers and students interested in studying secular subjects in their autonomy, religious subjects systematically and investigating those interrelationships that emerge. The University also makes available a variety of programs in which a student's personal, social and religious values might take root and which cultivate mature attitudes and behavior in human relationships. The ultimate hope of the University is that its graduates will be ready for informed service and progressive leadership in their communities and will be able to fulfill the immediate and final goals of their lives.



*University, Church and Commonwealth of Pennsylvania officials participate in the dedication of the Connelly Library.*

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# THE EVENING DIVISION

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The Evening Division of La Salle University is in its 42nd year of operation and is the oldest in Philadelphia to offer a Bachelor's degree program which can be completed entirely at night. When it was inaugurated in 1946, there were only a few other evening college programs throughout the country awarding Bachelor's degrees.

The Evening Division at La Salle was developed with two goals in mind: to meet the needs of potential students who could not pursue their college education full time during the day, and to meet the increasing need of industry in the Delaware Valley for the education, re-education and professional advancement of employees. While over 40 years ago these needs represented a new challenge for colleges and universities, today these needs represent a growing trend in higher education. More and more people are beginning, resuming and/or completing their degree programs part-time at night in order to meet work and family obligations during the day. Also, as new professional opportunities arise and personal goals change, people are turning to evening programs to broaden their education and master new areas of study, helping prepare them to meet those challenges. Over 3000 students representing more than 800 companies in the Delaware Valley have enrolled in classes at night at La Salle. For people such as these, La Salle's Evening Division makes a difference, and the difference is a degree of quality.

In the Evening Division, one finds the same balance of educational commitment that is characteristic of the University as a whole. On the one hand, La Salle is a liberal arts university and has structured a curriculum requiring all students to gain some depth of experience in those kinds of courses and methods of study that teach students to think critically and independently, and to study and be challenged by the ideas, history, achievements, and values of their culture. Such an educational background produces not just learning, but learners: people who are better prepared to meet change and challenge.

On the other hand, the Evening Division is also committed to making available programs of intense study in chosen fields of interest, both professional and academic, which might prepare students for meaningful careers or advanced study. Major programs are designed to provide students with the opportunity to gain mastery of the information, skills, techniques and technologies of their field, whether that be in the arts, sciences, business administration or nursing.

*Sgt. William Sutch, Philadelphia Police Dept., presents Dean Glenda Kuhl with an appreciation award for the Evening Division Administration and Faculty.*





From La Salle's perspective, to forfeit the academic foundation in the liberal arts is to substitute "training" in a particular subject or skill for true education. And to neglect to cultivate those programs which prepare students to enter and advance in their chosen careers is to neglect to meet the full range of educational needs of real people in the real world. La Salle's Evening Division does its best to do both. At the same time that we are planning and purchasing to expand computer facilities, we are also completing our second decade of offering coursework in the Classics at night to part-time students. This balance of commitments is becoming harder to find in higher education as institutions choose *either* liberal arts *or* professional preparation as their primary objective. The degree programs at La Salle are designed to provide both.



*Shirl Houser, Acting Director of External Services, presents the 1988 Hugh Carroll Award to MichaelENZ.*

The Evening Division is proud, not only of the education it delivers, but the way it is delivered: La Salle is known for teaching excellence and individualized attention to students. Of course, we are also proud of the publications, research, grants and professional achievements of faculty members, all of which attest to their quality. But by students' own report, the two most significant features of the educational experience at La Salle are excellence in teaching and individualized attention.

The average class size in the Evening Division is 19, large enough to offer varied points of view, backgrounds, interests and insights, but small enough for each student to be known, heard and taken seriously. No one is lost in the crush. The style, size and scale of classes at La Salle are geared to enhance the education of the individual student. Policies and procedures for advisement reinforce that attitude. Advisors are available in the Dean's Office, in the various special programs, in the departmental majors and in other areas of student services. For both faculty and administrators, individualized attention to students is a priority. For students, that priority makes a difference, and the difference is a degree of quality.



*Mary T. McGlynn, Academic Advisor, Coordinator, La Salle/Northeast*

Those things that contribute to excellence in teaching are harder to describe because they vary with the style, method and personality of the teacher. But when teaching works, something changes in the student. That change doesn't happen in every class. In fact, it takes time to gain familiarity with the subject, its vocabulary, concepts, and methods, before anything new is possible. Sometimes excellent teaching is the pushing and pulling required to motivate people to gain that familiarity, to become students rather than an audience. Here, excellence is persistence, carefulness, precision, patience and a certain enthusiasm which implies to the student that the work will be worthwhile . . . there is a promise of something ahead.

Then, with the groundwork accomplished, a class will come—maybe once a semester, or even twice (but that is rare)—when something happens. A question, an explanation, a problem; something will be amiss. It might have been unknown before, or familiar, or just insignificant perhaps, but now it is a nagging issue that you can't put down or figure out, and with the knowledge and tools gained in weeks of study, you begin to tackle it. After some pushing and pulling of your own, some confusion and some dead ends, there will finally come a moment of insight when, in a tumble, the new perspective brings all new possibilities to mind, and you *see things differently*. Sometimes that means a new answer, but just as often it means giving up old, easy answers and maybe doing without for a while. But it means seeing things more adequately and with deeper understanding.

Excellence in teaching isn't just that peak moment of insight, although that is what is most memorable. It is also what makes the peak possible before it ever comes, and what motivates you to pursue another, after it is gone.

# PROGRAMS

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## CONTINUING EDUCATION FOR WOMEN

CEW at La Salle is designed to ease the transition into the University for adult women who wish to begin or resume their college education. Although this program is administered through the Evening Division, CEW Admissions may enter as students of the Evening or Day Division. Any woman, 24 years or older who has a high school diploma or equivalent, is eligible to apply. For purposes of academic advisement and selection of appropriate coursework, a writing sample, credentials, and/or diagnostic testing are used for CEW applicants.

CEW has been both a popular and a successful educational program at La Salle and perhaps the main reason for this is the counseling, direction, and sense of community provided for students by this program. The decision to begin or return to college is often a difficult one for people who, like most CEW students, have been busy juggling families and jobs and have been away from academic studies long enough to make the prospect frightening. In the CEW program, students receive intensive academic and career counseling both upon enrollment and throughout their participation in the program. Students are invited to orientation programs which focus on study skills and other "survival techniques" for succeeding at the University and to workshops which are held on various topics of interest, academic and otherwise. Besides being informative, orientation programs and workshops bring CEW students together, creating an informal network or community for support.

Despite their shared goals and experiences at La Salle, the women in CEW are a strikingly diverse group. Currently enrolled are several police officers, a horse trainer studying the sciences and aiming for veterinarian school, a few private school teachers, some grandmothers, several nurses, and even an Army first lieutenant. Some women are squeezing in time for their own education between family and job obligations and some postponed their educations until after their children's. Recently two students who entered La Salle through the CEW program marched at commencement with their offspring, as members of the same graduating class.



After successfully completing 15 credits of academic coursework, the "transition" to La Salle has been accomplished and students transfer out of the CEW program. Besides the academic accomplishments of these students, the CEW program is proud of the contributions that their diversity and experience make to La Salle.

*Dr. Edna Wilson, Assistant Dean, presents the 1988 Dean's Award to Diana Fala, a CEW graduate.*



## OFF-CAMPUS CENTERS

The Evening Division of La Salle University attempts to meet the educational needs of students whose work and/or family obligations make full-time day attendance an impossibility. In keeping with this intention, the Evening Division has established off-campus centers where students can take courses for their own interest, professional advancement or toward a degree, at locations other than the main campus. To further accommodate students' busy schedules, classes are offered three or four nights per week at the off-campus centers, but each course usually meets only once per week. While one cannot complete a degree at any off-campus center, it is possible to complete many of the requirements in General Education, Distribution, and the Business Core (for Business Administration majors). The courses are the same as those offered on the main campus and the instructors who teach at the off-campus centers are drawn from the University's day and evening faculty. In every way, it is a La Salle education, but brought closer to where you live and work.

Each off-campus center has an administrative office staffed by a La Salle University administrator where advisement and essential student services are available. Registration, ID photos, textbook sales and academic counseling are provided at these offices. The off-campus centers, however, are not intended as *branch* campuses of La Salle, and, therefore, do not supply the full range of academic support services available at the main campus. For special instruction and library usage, students come to the main campus. Several courses will specifically require that one or two class sessions be held on the main campus in order to make available those resources which the off-campus centers cannot provide. Students enrolled in courses at off-campus centers have the same rights to facilities on the main campus as do all other students, and their participation in the academic life and student activities on the main campus is encouraged.

**The off-campus centers are:**

- La Salle/Bucks County which offers courses at Archbishop Wood High School for Boys on York Road above Street Road in Warminster, Bucks County;**
- La Salle/Northeast which offers courses at Archbishop Ryan Boys High School on Academy Road in Northeast Philadelphia;**
- La Salle on the Parkway which offers courses at the Friends Select School on the Benjamin Franklin Parkway in Center City, Philadelphia.**

# ADMISSIONS

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## GENERAL ADMISSIONS INFORMATION

Qualified applicants desiring to pursue their education at La Salle are welcome in the Evening Division. Admissions decisions are based on past scholastic record, present scholarship aptitude, experience, potential and recommendations.

All applicants, except those who already hold a Bachelor's degree from an accredited college or university, are given placement examinations in reading, written communication, and mathematics. The results of these examinations enable the Admissions Committee to evaluate an applicant's reading skills, and verbal and mathematical aptitudes and achievement. The schedule of dates for entrance examinations is sent to all applicants.

One can apply for admission beginning in the Fall, Spring or Summer semester. Once admitted, students are classified according to the program of study for which they have applied, i.e. as a candidate for the Associate in Arts, Associate in Science, Bachelor of Arts, Bachelor of Science, Bachelor of Science in Business Administration or Bachelor of Science in Nursing Degree. A candidate may also be admitted as a special or non-matriculated student to take courses without reference to degree requirements. Admissions procedures and policies are the same for special students as for degree candidates.

La Salle University does not discriminate against any applicant because of race, color, creed, national origin or physical handicap. Admission to La Salle is based solely upon an applicant's qualifications and ability to meet the educational and other established admission requirements. However, La Salle does reserve the right to refuse admission or require the withdrawal of any student whose presence would be in conflict with the ideals of the university or with the observance of its regulations.



*George Fleetwood, Director of La Salle's Off-Campus Centers, presents the 1988 Dr. Joseph Sprissler Award to Noreen Whipple.*

## **ADMISSIONS REQUIREMENTS**

To qualify for admission, one must meet the general procedural requirements for admission (see above) and submit documentation of the completion of 16 units of study at an accredited high school or by certification by a State Department of Education. Ten of these 16 units should be distributed as follows: English (4 units), History (1 unit), Mathematics (2 units), Modern Language (2 units) and Natural Science (1 unit). The remaining 6 units should be distributed in academic subjects appropriate to the degree program for which the student is applying.

Exceptions may be made to the secondary school requirements in those cases in which the applicant is otherwise well qualified, or in which a State Department of Education Equivalent High School Diploma has been obtained.

An honorably discharged veteran who has not attended any academically accredited institution since discharge from the armed forces may be admitted to the Evening Division under a special policy. Contact the Admissions Office of the Evening Division for further information.

## **TRANSFER CREDITS**

An applicant who has attended another college or university accredited by one of the Regional Accrediting Associations may be admitted to La Salle with advanced standing credit if the following conditions are met:

- The courses must be approved for transfer by the Evening Division Admissions Office (in consultation with the various Department Chairs, when appropriate.)
- Only those courses will be considered in which the student has earned a grade of "C" or higher. The grades, themselves however, are not posted on your transcript nor computed in your academic index. Courses accepted for transfer are listed by name and number of credit hours earned toward your total.
- Normally, 70 credits is the maximum number one can transfer to La Salle from another institution.
- At least half of the courses required by the major department (i.e., "major requirements") must be completed at La Salle.
- La Salle reserves the right to refuse advanced standing credit for whatever reasons deemed proper.

## **ADMISSIONS PROCEDURES**

1. Secure an Application for Admission form, complete it and return it with an application fee of \$20.00 to the Admissions Office, Evening Division and Summer Sessions, La Salle University, Philadelphia, PA 19141.
2. Request the high school from which you graduated, and any colleges or universities attended to send an official transcript of your record to the Admissions Office, Evening Division and Summer Sessions. A photocopy of a State Equivalency Diploma may be submitted in lieu of a high school record.
3. Upon receipt of your application, you will be notified of the dates and the nature of the entrance testing program and of any further conditions which must be satisfied for admission.
4. You will receive final notification of the status of your application and, if admitted, the dates of course registration for the upcoming semester. If you applied for admission with advanced standing (based on official transcripts submitted from other colleges or universities) you will also be notified of the extent of advanced standing credit granted, i.e. accepted as transfer credits by La Salle.



# EXPENSES

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All fees listed in this catalogue reflect fees at date of publication. However, in view of rising costs, La Salle University must reserve the right to amend or add to these charges at any time and to make such changes applicable to both new and current students.

**Application Fee:** A non-refundable application fee of \$20.00 is charged and is due with the application for admission. This fee covers the cost of administering the entrance examinations and evaluation of records and transcripts.

**Tuition:** The tuition charge is based on the number of credit hours taken in any semester and is calculated at \$152.00 per credit hour. Payment in full at the time of registration or formal arrangements with the Bursar's Office for the Deferred Payment Plan is required to complete registration and be included on the official class list.

**Registration Fee:** A registration fee is assessed and is payable at the time of Registration.

Fall and Spring Semesters, fewer than 8 credits	\$15.00
Fall and Spring Semesters, 8 or more credits	\$25.00
Summer Sessions	\$10.00

**Late Registration Fee:** Students who do not complete course registration within the time period indicated in the Academic Calendar are permitted to late-register (at a time also indicated in the Academic Calendar.) An additional \$10.00 late fee is charged.

**Special Course Fees:** Courses which require laboratory work (such as some science courses) or involve the use of special equipment (such as some communication courses) carry an additional \$35.00 fee to cover the extra cost of supplies. Some computer science courses carry an additional lab fee of \$30.00.

## Other Incidental Fees:

- ACT-PEP Examinations carry a \$40.00 application fee, per exam.
- Credit awarded through ACT-PEP and end-of-course examinations carries a \$75.00 *per test* administrative fee to be paid at the time of posting the credit on the transcript.
- CLEP Examinations carry a \$35.00 application fee, per exam.
- Credit awarded through CLEP carries a \$25.00 *per credit* administrative fee to be paid at the time of posting the credit on the transcript.
- Special Examination Fee of \$5.00 is charged when a student takes any make-up examination (with Instructor's approval) administered through the Dean's Office.
- A \$10.00 fee is charged for special make-up final exams.
- The Registrar's Office charges a \$2.00 Transcript Fee for an official transcript. (No transcripts may be issued until all financial obligations to the University have been satisfactorily settled.)
- An Associate Degree Fee of \$20.00 is payable by each candidate for an Associate degree.
- A Graduation Fee of \$40.00 is payable before graduation by each candidate for a Bachelor's degree. This fee is to cover the cost of the diploma, the use of cap and gown, the yearbook, and all other expenses incidental to commencement exercises. No candidate may be recommended for a degree, diploma or certificate until the graduation fee and all other financial obligations have been paid.

# PAYMENT PROCEDURES

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## PAYMENT OF TUITION

If you pre-register, you will be billed by mail (approximately 1 month prior to the beginning of the semester) and may pay by mail (normally within 15 days of the date of the invoice) and need not attend In-Person Registration. You may pay by check, bank draft, cashier's check, money order or *Visa* or *MasterCard* but do not send cash through the mail. Please use the envelope provided and note the due date indicated on your invoice. You may also make payment in person at the Bursar's Office by the due date. When making payment in person, please be sure to bring your entire invoice form to avoid any delays. You may complete registration as described above and avoid In-Person Registration. If, however, any of the following situations apply to you, you will have to attend In-Person Registration:

- If you pre-register in time to receive a bill but do not either submit payment in full by the due date or make official arrangements with the Bursar's Office for Deferred Payment;
- If you do not pre-register by the indicated date;
- If you do not pre-register;
- If you wish to make any changes in your pre-registration.

When your registration is complete (which includes payment of tuition and all other fees or official arrangements for the Deferred Payment Plan) you will receive a validated receipt.

Completing your pre-registration and payment arrangements early enough to avoid In-Person Registration is more convenient for you and pre-registering increases the likelihood that you will get the courses you need. Further, it is very helpful to the Evening Division Administrators in assessing course enrollments and planning rosters. You are encouraged to complete registration as early as possible.

## REFUNDS

Time of Withdrawal	Refund
Fall and Spring Semesters	
Before first class meeting	100%
Before second class meeting	80%
Before third class meeting	60%
Before fourth class meeting	40%
Before fifth class meeting	20%
After fifth class meeting	None
May Session and Other Intensive Programs	
Before first day of class	100%
During the first day of class	50%
After the first day of class	None
Summer Sessions	
Before first day of class	100%
During first week	60%
After first week	None

For the purpose of refund, you shall be considered to be in continuous attendance up to and including the date of submission of proper notice of withdrawal. The notice of withdrawal must be addressed to the Dean. Ceasing to attend or giving notice to an Instructor does not constitute proper notice. The allowed percentage of refund shall be based upon the official withdrawal date which shall be determined by the date the notice of withdrawal is received by the Dean, or the postmark, if mailed.

For the purpose of refund computation, a week shall be defined as the period of seven successive days beginning with the official University opening of classes and not the first day in actual attendance by a particular student.

In those instances where a student's educational expenses were satisfied in whole or in part by Title IV Program Funds, and a refund of these educational expenses is authorized, that refund will be proportioned in accordance with U.S. Department of Education regulations governing refunds and cash disbursements made directly to students. Under those regulations, priority is given to the return of funds to Title IV Assistance Programs in the following order: State Grant Programs, SEOG, NDSL, Pell Grants, Guaranteed Student Loans. Students should be aware that the regulations may prevent the refund of any personal funds used for payment of tuition and fees. In instances where a student has received a cash disbursement prior to the recording of one's withdrawal, the student may be required to return those funds to the University.

### **DEFERRED PAYMENT PLAN**

If you do not have the entire amount you need to register for the Fall or Spring semester, or for certain graduate programs during the summer sessions, you can choose the Deferred Payment Plan, which allows you to spread out your payments in three monthly installments throughout the semester. For a \$15.00 application fee and a small finance charge, you can defer payment on as much as 75% of your educational expenses (or as little as \$250.00, if that's all you need.) To find out more information or to obtain your application, contact the Student Loan Office (951-1054).

### **FINANCIAL OBLIGATIONS**

At the time of registration, the student contracts for the full amount of one's tuition regardless of the arrangement for payment. A student who is financially delinquent or who has a record of indebtedness cannot attend class, register for subsequent semesters or receive grade reports, transcripts or diploma until such indebtedness is paid.



# FINANCIAL AID

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La Salle does not deny admission to any student because of financial need. Although each student is responsible for meeting one's financial obligations to the University, the financial aid programs at La Salle offer a wide range of opportunities.

**Pell Grants:** The Pell Grant is a federally administered program available to needy students taking at least six credits per term. Eligible students may receive up to \$2200 per academic year, depending upon enrollment status. Applications are available from the Financial Aid Office (951-1070).

**Pennsylvania Higher Education Assistance Agency (PHEAA) Grants:** PHEAA grants are administered by the Commonwealth and range between \$100 and \$1850 per academic year. Eligible students must demonstrate financial need, be enrolled on a full-time basis (12 credits per term), maintain Pennsylvania residency, and complete a minimum of twenty-four credits per year. Applications are available from the Financial Aid Office.

**Guaranteed Student Loan (GSL) Program:** This loan program is available through participating lending institutions. Students taking at least six credits per term may receive as much as \$2625 for Freshmen and Sophomores and \$4000 for Juniors and Seniors per academic year. Repayment begins six months after the student ceases at least half-time enrollment. The current interest rate for first time borrowers is 8%.

If the adjusted gross income of the applicant's family is higher than \$30,000, the borrower must demonstrate financial need to qualify.

Loan applications and Income Needs Analysis forms are available through participating lenders. Contact your local banks regarding program participation.

**Evening Division Scholarships:** Grants are offered annually to undergraduate Evening Division students who have established a financial need and have completed at least twelve credits at La Salle University. Selection of recipients is made by the Evening Division Grant Committee. Applications are available from the Financial Aid Office and must be submitted by June 15.

**Charlotte W. Newcombe Foundation:** Scholarships are offered to women at least 25 years of age who are part-time or full-time students and who will be enrolled at La Salle for a minimum of six credits during the term when the scholarship will be used. The student must demonstrate a financial need, have a minimum cumulative grade point average of 2.5, and have completed a minimum of 60 credits by the term when the scholarship will be used. Applications are available in the Financial Aid Office (951-1070), and must be submitted by June 1 (Fall term) and November 1 (Spring term).

**Tri-State Dairy Deli Association:** Scholarships are offered to part-time and full-time evening division students majoring in business who demonstrate a financial need. Selection of scholarship recipients is made by the Financial Aid Office at La Salle University. Applications are available through the Financial Aid Office (951-1070).

If you have been granted a financial aid award and have met with all instructions and requirements, you will be informed in writing of the terms and the extent of the award. Your invoice will be credited with this award. Questions should be directed to the Financial Aid Office (951-1070).

# STUDENT AFFAIRS

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La Salle University is committed to providing a rich educational experience for all students by offering the opportunity to develop intellectually, spiritually, psychologically and socially. The Student Affairs program in the Evening Division is designed to both challenge and encourage that development through structured activities and services in academic counseling, career planning and placement, religious and social activities, student organizations, publications, intramural athletics and recreation, and the Alumni Association.

## ACADEMIC ADVISEMENT

For Evening Division students, the Dean's Office is the center of academic advising. Academic advisors are available for consultation and to assist students in planning and pursuing their educational goals at the University. Students are encouraged to take advantage of academic advisement services throughout their time of study at La Salle.

In addition to the resources of the Dean's Office, the Department Chairs or program coordinators, serve as academic advisors for their particular subject areas and provide supplementary counseling in choosing a major program and meeting major requirements or in developing areas of interest. The following people are available for such counseling:

Accounting	Mr. Joseph Markmann
Biology	Dr. Norbert Belzer
Chemistry	Dr. Thomas S. Straub
Communication	Mr. William Wine
Computer Science	Mr. David Brown
Economics	Dr. John A. Duffy
Education	Dr. Francis J. Ryan
Electronic Physics	Dr. Robert A. Bartolini
English	Dr. Marjorie Allen
Finance	Dr. Les Barenbaum
Fine Arts	Mr. Thomas Ridington
Foreign Languages and Literatures	Dr. Bernhardt Blumenthal
Geology	Dr. Henry Bart
Health Care Administration	Ms. Anne Walsh
History	Dr. Theopolis Fair
Humanities	Mr. Thomas Ridington
Law	Mr. Arthur R. Shuman
Management	Dr. Steven Meisel
Marketing	Mr. Andrew Bean
Mathematics	Dr. Edward Nolan
Military Science	Lt. Col. James Dent
Nursing	Dr. Gloria F. Donnelly
Philosophy	Dr. Michael Kerlin
Physics	Dr. Henry Bart
Political Science	Mr. Kenneth L. Hill
Psychology	Dr. Joseph Kovatch
Religion	Dr. James Biechler
Risk Management and Insurance	Ms. Kathleen McNichol
Sociology and Criminal Justice	Mr. Finn Hornum

## **CAREER PLANNING AND PLACEMENT BUREAU**

The Career Planning and Placement Bureau is open to Evening Division students from 6:00 to 7:30 P.M. Monday through Thursday evenings. This Bureau assists students and alumni in career planning and employment activities. For information, call 951-1075.

The Bureau's services include the following:

1. Career Counseling, which offers the opportunity to formulate or discuss vocational plans on a one-to-one basis with a career counselor. It is best to arrange for such a meeting by scheduling an appointment ahead of time.
2. The Career Library, which contains vocational information about potential employers, various career fields and graduate and professional schools.
3. Employment Placement, which is a service open to all La Salle students and graduates. Evening Division students who have reached senior status will receive a written invitation to participate in La Salle's on-campus interviewing program. They may submit resumes and sign up for interviews during regular evening hours.

## **RELIGIOUS ACTIVITIES**

The Chapel of La Salle University provides a convenient center both for personal meditation and for group worship. Its facilities are available to the student body at all times. In addition, graduation ceremonies regularly open with the Baccalaureate Mass to which graduating seniors, their family and friends are invited.

Upon request and by appointment, a Campus Minister will meet with Evening Division students.

## **STUDENT ORGANIZATIONS AND ACTIVITIES**

### **Alpha Sigma Lambda**

Alpha Sigma Lambda, a national evening college fraternity for honor students, was inaugurated at La Salle in December, 1966. The La Salle University Evening Division Chapter, Alpha Delta, is open by invitation to men and women who have completed thirty semester credits in the La Salle Evening Division and who have an academic index of 3.4. With the objective of recognizing and encouraging scholarship, this fraternity includes distinguished scholars among its guest speakers.

### **Sigma Theta Tau, Kappa Delta Chapter**

The International Nursing Honor Society, Sigma Theta Tau, is represented at La Salle University through the Kappa Delta Chapter, which was chartered on April 22, 1988. The goals of the society are (1) to recognize superior achievement, (2) to recognize the development of leadership qualities, (3) to foster high professional standards, (4) to encourage creative work, and (5) to strengthen commitment to the ideals and purposes of the profession. Membership is by application and invitation to nursing students with an academic index of 3.25. The society inducts new members once a year and includes distinguished nursing leaders among its guest speakers.



### **Registered Nurses' Organization (RNO)**

An organization of registered nurse students majoring in nursing who are interested in participating in the professional nurses' network that exists at La Salle. The organization was also established to disseminate information, to provide career related programs, to involve students in the life of the University and to nurture excellence in the Nursing Department and among its members.

### **The Student Council**

The Student Council of La Salle Evening Division acts as the official representative of the student body in its relations with the administration and faculty of the University in matters related to extracurricular activities and student welfare.

## **PUBLICATIONS**

### **La Salle Explorations**

*Explorations*, the Evening Division newsletter, serves as a vehicle for disseminating views and articles of interest to the entire student body.

### **The Explorer**

The *Explorer* is the yearbook published for the members of each graduating class. The book serves as a record of college life and activities.

### **The Evening Bulletin**

The *Bulletin* is compiled in the Evening Division Office and distributed (evenings and Saturdays) on the main campus with announcements and notes of interest to students, faculty and administrators. It establishes a constant, open channel of communication and source of information.

## **INTRAMURAL ATHLETICS AND RECREATIONAL FACILITIES**

The intramural sports program at La Salle offers a wide variety of athletic activities and Evening Division students are welcome to participate when their time-schedules permit it. Recreational facilities at Hayman Hall include the gym, weight room, indoor track, pool, squash courts, exercise room and sauna as well as locker rooms. Day and evening hours are available. Further information and schedules of hours and activities are available from Hayman Hall.

## **FOOD SERVICES**

Food services are available all evenings and weekends when classes are held either in the Union Cafeteria or the Snack Bar as well as at St. Katherine's Cafeteria in the dormitory complex. Schedules are posted and announced in the *Bulletin* notes.

## **THE CAMPUS STORE**

The University maintains a Campus and Textbook Store where books, supplies and other items of special interest to students can be purchased. The Campus Store is located in the Student Union Building. Hours of operation are Monday through Thursday, 9:00 A.M.-7:00 P.M., Friday, 9:00 A.M.-3:30 P.M. The Textbook store, located behind the Union Building, sells only those textbooks that are required for classroom use. Extended hours are posted for semester openings. Regular hours are 9:00 A.M.-4:30 P.M. during the year, Monday through Thursday; Friday 9:00 A.M. to 3:30 P.M.

## **THE LIBRARY**

The Connelly Library houses a collection carefully developed to meet the academic and research needs of La Salle's faculty, students, and staff. Current holdings include over 300,000 volumes, current subscriptions to 1,318 periodicals, and over 40,000 microform pieces. Through its participation in various regional and national networks, the library augments its collection by providing interlibrary loan service to and from other libraries throughout the country. Library Service is also enhanced through the use of the latest information technology. A fully automated catalog will be available in September 1988 which can be accessed on terminals located in the library or remotely using computers equipped with communications software. The Reference Department offers searches of over 200 electronic databases, some of which are available on CD-ROM disks owned by the library.

La Salle's librarians strive to provide not only the most efficient and comprehensive organization of the library's holdings but also to instruct students in its use. Bibliographic instruction is offered as part of regularly scheduled classes and on an individual basis. Students requiring assistance with term papers and other academic projects can avail themselves of this service. Instruction in computer-assisted search techniques is also available.

For more information on Library services and hours call 951-1292.

## **THE ALUMNI ASSOCIATION**

The Alumni Association seeks to promote the welfare of La Salle University and to encourage good fellowship among alumni. To achieve these ends, the Association works principally through the University Alumni Office and class organization.

The Alumni Association is controlled and directed by the alumni in cooperation with the University administration. The governing board is called the Alumni Board of Directors. It consists of representatives from each graduating class and a Director of the Association appointed by the University.

Alumni are encouraged to take an active part in promoting the attendance of worthy and talented students, to take an intelligent interest in the academic affairs of the University, to support the University financially to the best of their ability, and to foster the growth of the University. Alumni are also encouraged to assist the Placement Bureau by calling to its attention job opportunities for La Salle students.

## **BUILDING BLOCKS: Child Development Center**

Building Blocks is a privately incorporated day care center which offers quality child care on a year-round basis. It was established in 1973 by members of La Salle's faculty, staff and student body and is located on the University campus, serving the immediate La Salle community and our neighbors. Part-time or full-time placements are available for children from 15 months to six years of age. Building Blocks participates in federally subsidized child care. For further information, contact the Director of Building Blocks at 951-1573.



*Brother Joseph Bender, Evening Division Counselor, presents the 1988 Victor Brooks Award to Debra Kissenger.*



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# ACADEMIC POLICIES AND PROCEDURES

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## GRADES

The final course grade is determined through evaluation of recitations, written assignments, examinations during the course and the final examination. The following system of grades is used to indicate the quality of one's achievement in meeting course requirements:

A—Superior	I—Incomplete
B—Very good	W—Withdrawal
C—Average	NR—No grade reported
D—Minimum passing grade	S—Passed (satisfactory)
F—Failure	U—Failed (unsatisfactory)
	X—Audit

An I indicates that due to circumstances beyond the student's control, the course requirements were not completed. Under the supervision of the Instructor, the work must be completed and a new grade submitted within three weeks after the date of the final exam, or the I will become an F. It is the student's responsibility to arrange for the removal of such grades. When it is physically impossible for the student to complete the course work and remove the I within the time limit, written permission for an extension of time must be obtained from the Dean.

If a student repeats a failed course, only the higher grade is counted in the academic index. A student may not repeat a course more than once without the Dean's permission. An F in any required course must be repeated.

A W is an option for only the allowed withdrawal period indicated on the academic calendar.

If a student receives an NR, the Instructor should be contacted directly for the final grade.

S/U grades are used 1) for remedial courses in English and Mathematics; 2) for Reading courses in Humanities and Management; and 3) for any course taken on a pass/fail basis.

### *Pass/Fail Option*

Students may opt to take two elective courses on a pass/fail basis, by applying for a pass/fail grade in the office of the Dean by the date published in the academic calendar. Grades received under the pass/fail option do not affect one's cumulative academic index.

### *Audit*

The X grade is assigned for audited courses. A student who wishes to audit a class must obtain permission from the Instructor and the Dean and then sign up for an audit in the Dean's Office before the first day of class.

## **ACADEMIC INDEX**

The academic index is a computation of a student's grade average. It is determined by assigning a numerical value to each letter grade, i.e., an A is worth 4 points, a B is worth 3 points, a C is worth 2 points, a D is worth 1 point and an F is worth 0 points. A grade point score for each course is calculated by multiplying the numerical equivalent of the letter grade by the number of semester hours or credits the course carries. The academic index or grade average of all courses is found by dividing the sum of the grade point scores for all courses by the total number of semester hours of course work or credits attempted. The S or U grade received under the pass/fail option is not considered in computing the cumulative academic index.

## **ACADEMIC PROGRESS**

This policy statement establishes the guidelines within which the University will define the progress of the student for aid and funding purposes. Since final decisions rest with the granting agencies, it does not guarantee such aid.

A part-time student is making adequate progress toward the degree if he/she has:

- 1) Completed three-fourths of the total credits attempted, when the combined credits attempted in semesters for which funds were received total 12 or more semester hours in new course work at satisfactory levels as indicated:
  - a) completed Freshman Status (0-23 credits)—1.50 cumulative academic index,
  - b) completed Sophomore Status (24-53 credits)—1.75 cumulative academic index,
  - c) completed Junior Status (54-83 credits)—1.90 cumulative academic index,
  - d) within Senior Status (84+ credits)—2.00 cumulative academic index.
- 2) Completed graduation requirements within a maximum of 13 years of part-time studies. A year is equal to one or more semesters for which funds were received and the combined credits attempted total 12 or more semester credits. Note that this policy does not refer to any calendar year maximum which must be met as a part of the graduation requirements.

## **ACADEMIC CENSURE**

Academic censure is intended to be a service to the student who is in academic difficulty. It serves to alert some to the severity of their academic problem and to encourage them to seek the help and counsel they need. For others, it is the imposition of a time period away from academic endeavors to permit adjustment of priorities. Therefore, academic censure may assume any one of three forms:

- 1) Probation. A student is placed on probation who has attained a cumulative academic index of
  - a) less than 1.50 after the first or second term of the freshman year,
  - b) less than 1.75 after the first or second term of the sophomore year,
  - c) less than 1.90 after the first term of the junior year,
  - d) less than 2.00 after the second term of the junior year or during the senior year.

Such a student will be continued on probation until the conditions for good academic standing have been satisfied. Students on academic probation may take no more than two courses as approved in writing by an academic counselor.

- 2) Suspension. This is involuntary separation of the student from the University for a definite period of time, usually two semesters. No academic work during a period of suspension will be accepted for a student's academic record at the University.

- 3) Dismissal. This is involuntary separation of the student from the University for an indefinite period of time. No academic work during a period of dismissal will be accepted for a student's academic record at the University. A student is liable to suspension or dismissal when the student's cumulative academic index is
- a) less than 1.00 during the freshman year,
  - b) less than 1.50 during the sophomore year,
  - c) less than 1.75 during the junior year,
  - d) less than 1.90 after the junior year;
- or when the student is on probation for two successive semesters.

At the completion of 85 semester hours, a student must have an academic index of 2.0 (a "C" average) in the major before being permitted to accumulate additional semester hours.

## **IDENTIFICATION CARD**

Each new student is issued an Identification Card which is required for the use of the Library and Hayman Hall (the physical recreation center.)

## **REGISTRATION**

The registration schedule is set forth in the official calendar and detailed instructions for registration and for the rostering of courses are supplied prior to registration. Upon completion of registration, the student is officially enrolled in the courses rostered and is financially responsible for the tuition charges. A student who registers during the late registration period is admitted to class by presenting the validated matriculation card issued at the time of registration. Late registration entails a \$10 late fee.

## **ROSTER PLAN**

Three credit hour courses usually meet once a week for a 160 minute period which includes a ten minute break. Four credit hour courses usually meet twice a week for 125 minute periods. Courses with laboratories require additional time. Exact meeting times are posted in the Course Roster for each semester. The general pattern of class periods is as follows:

Main Campus Monday through Thursday —6:15-8:55 P.M.  
Saturdays —9:00-11:45 A.M.  
Saturdays —12:30-3:15 P.M.

Six intensive Saturdays meet every other Saturday from 9:30 A.M.-4:30 P.M. with an hour break for lunch.

At the off-campus centers, each course normally meets one night a week as follows:

La Salle/Bucks County—Monday or Thursday 6:45-9:30 P.M.

La Salle/Northeast—Monday, Tuesday or Thursday 6:45-9:30 P.M.

La Salle on the Parkway—Monday, Wednesday or Thursday 6:00-8:45 P.M.

## **ROSTER REQUIREMENTS**

Students in the Evening Division who maintain a satisfactory academic index are permitted to schedule a maximum of twelve credit hours in any semester. Most students, however, roster six credit hours each semester, and a number of students choose to take only three credit hours. The number of courses which a student is permitted to take is dependent upon the student's ability, past academic record, program of study and time available for study.



## **ATTENDANCE POLICY**

Students are expected to attend classes regularly. Absence required to provide for conditions beyond the control of the student, such as illness or serious personal or family situations, should be explained to the instructor. If an absence extends over a protracted period of time, the Dean of the Evening Division should be notified. Attendance is taken from the first regular class day regardless of the time of registration.

## **CHANGE IN COURSE**

The student is responsible for following the sequence of courses for the curriculum in one's major field of study. If changes are desired, approval must be obtained in writing from the Department Chair and the Dean.

## **CHANGE IN MAJOR**

Evening Division students who wish to change their major curriculum must file a written request for Change of Major in the Dean's office. A statement of the requirements to be met in the new major and a transfer of course work from the prior major will be sent to the student.

## **WITHDRAWAL**

After the completion of registration, a student shall be considered to be in attendance unless an official statement of withdrawal is submitted to the office of the Dean. A Withdrawal Form can be obtained in the Evening Division Office, or the student may send a letter to the Dean indicating the course or courses from which one is withdrawing, the reason for withdrawal and the student's signature. The date of filing the official statement of withdrawal will be considered the actual date of withdrawal. If that date is on or before the final date for withdrawal as published in the academic calendar, the student's record for the course will be marked W (withdrawn). If the date of withdrawal is after the final date for withdrawal, the student's record will be marked F (failure) unless the withdrawal has been caused by unusual circumstances and has the written approval of the Dean. Note: Neither ceasing to attend class nor notifying the Instructor constitutes an official withdrawal.

## **EXAMINATIONS**

Examinations are given at any time during the course at the Instructor's discretion, at mid-semester and at the conclusion of the semester. If a student misses any exam prior to the final exam due to circumstances beyond one's control, with the Instructor's permission, the student can make arrangements through the Evening Division Office to take a special exam.

*Special exams* submitted by the Instructor, can be taken in the Evening Division on any Tuesday at 7:30 P.M. or on any Saturday morning at 10:00 A.M. while classes are in session. Students must call 951-1240 to verify that a make-up exam is on file.

*Final examinations* are conducted only at the times published in the examination schedule issued each semester. If a student is unable to take a final exam as scheduled due to unavoidable absence, one must request approval for a special final exam from the Instructor and from the Dean. If approval is granted, the student must make arrangements through the Evening Division Office to take a special final exam submitted by the Instructor.

Regular make-up exams are subject to a \$5 fee; final make-up exams are subject to a \$10 fee.

## **CREDIT FOR COURSES TAKEN ELSEWHERE**

Course work taken at other institutions by regularly enrolled students of the Evening Division will not be accepted for credit by La Salle unless the student has had written permission in advance from the Dean to take such courses. Credit is transferred only for grades of C or better, however the letter grade itself is not included in the computation of a student's academic index at La Salle. It is the responsibility of the student to have an official transcript of credit for approved off-campus courses sent to the Evening Division for inclusion in one's record.

## **CREDIT THROUGH EXAMINATION**

### *College-Level Examination Program (CLEP)*

The Evening Division participates in the College-Level Examination Program sponsored by the College Entrance Examination Board. CLEP is designed to enable the adult student to demonstrate competencies acquired in various academic disciplines without having attended formal college classes.

There are two kinds of examinations: the General and the Subject Examinations. Evening Division students are eligible to take one or more of the General Examinations accepted by La Salle—in Humanities, Natural Sciences, and Social Sciences and History—until they have completed more than thirty semester credit hours of course work, whether the credits were earned at La Salle, transferred, or awarded through examination. Students are eligible to take Subject Examinations accepted by La Salle—in English, History and Social Sciences, Foreign Languages, Science and Mathematics, and Business—so long as they have not taken comparable or more advanced courses in that discipline. Students must have permission from the Dean's Office before attempting CLEP credit. Counselors are available to help students select examinations appropriate to their course of study. Further information regarding CLEP and the University policy is available from the CLEP Center Administrator (951-1234). Candidates for admission to the Evening Division should consult the Director of Admissions (951-1234).

The cost of taking CLEP at La Salle is \$35 per exam. A matriculated student who receives a satisfactory score will be notified of credit awarded and assessed an additional \$25 per credit administrative fee. After the payment is received by the Bursar's Office, the Registrar will post the course and credit hours granted through CLEP on the student's record. This credit is not assigned a letter grade, nor is it computed in determining one's cumulative academic index.

### *End-of-Course-Examination*

Students who believe that their experience and study have trained them sufficiently to by-pass a given La Salle University course may challenge that course through an end-of-course examination. A written request should be submitted to the Department Chair who will then request the approval of the Dean. There is a \$30 charge for each examination. Students who successfully complete the examination will receive credits for the course challenged which will be posted on their La Salle transcripts upon receipt by the Bursar's Office of a \$75 administrative fee. This credit is not assigned a letter grade, nor is it computed in determining one's cumulative academic index.

### *American College Testing-Proficiency Examination Program (ACT-PEP)*

ACT-PEP exams enable nursing students to validate prior learning through required examinations in four areas of nursing as well as Anatomy and Physiology, and Microbiology. (The last two exams are available by special request to nursing and non-nursing students.) Each exam carries a \$40 fee and, if successfully completed, a \$75 administrative fee, after payment of which the appropriate credits are posted on one's transcript. This credit is not assigned a letter grade, nor is it computed in determining one's cumulative academic index. For further information, contact the Nursing Department (951-1430).

### **DEAN'S HONOR LIST**

The Dean's Honor List is published in June and February of each year. Those students who have complied with all the regulations of the University and who have earned a cumulative academic index of 3.40 with at least 30 credit hours of graded course work at La Salle are placed on the Dean's List. An academic convocation is held in the Fall semester where honorary degrees are conferred, Dean's List students are recognized and all can meet informally with faculty and administrators.

### **REQUIREMENTS FOR DEGREES**

#### **Associate Degree**

A candidate for an Associate degree must meet the following requirements:

- Complete course work equivalent to a minimum of 60 credit hours, at least 30 of which have been completed at La Salle University,
- Fulfill all course requirements prescribed by the Dean of the Evening Division,
- Have a cumulative academic index of 2.0.
- The candidate must file an application for the Associate degree one year before the completion of requirements. Upon completion of requirements described above, candidates for the Associate degree will receive diplomas at an assembly held in June.

#### **Bachelor's Degree**

A candidate for the Bachelor's degree must meet the following requirements:

- Complete course work equivalent to a minimum of 120 credit hours. For all students with 60 or fewer credit hours as of September, 1985, the 120 credit hours must include at least 38 courses of three credits or more. (In determining the number of courses, a course carrying six credit hours or more will be counted as equal to the lowest number of courses obtained by dividing the credit value by three.)
- Fulfill all General Education and Distribution requirements as well as all course requirements prescribed by the Dean of the Evening Division.
- Have a cumulative academic index of 2.0 overall as well as in the major courses.
- The candidate must file an application for graduation one year before the expected date of graduation.



### Awarding of a Second Bachelor's Degree

La Salle University will award either a B.A. or B.S. degree to a student who has already earned a Bachelor's degree from an accredited institution under the following conditions:

1. The student has obtained written permission from the appropriate Dean and Department Chair.
2. If the student holds a Bachelor's degree from La Salle University, the student must meet substantial requirements of the major as determined at the time the student matriculates in the program leading to the second degree. A minimum of thirty credit hours would be required.
3. If the student holds a degree from an institution other than La Salle, a maximum of seventy credit hours may be transferred toward the second degree. The student must fulfill all core requirements as well as substantial requirements of the major as determined at the time the student enrolls in the second degree program.

### HONORS

The Bachelor's degree with honors is conferred on a student who has completed course requirements at the University with a cumulative academic index not lower than 3.40 and who has not incurred any academic censure.

The candidate who has earned an index between 3.40 and 3.59 is graduated with the distinction *Cum Laude*.

The candidate who has earned an index between 3.60 and 3.79 is graduated with the distinction *Magna Cum Laude*.

The candidate who has earned an index of 3.80 or better is graduated with the distinction *Maxima Cum Laude*.



Dr. Jim Biechler; Chairman, Religion Dept. Evening Division.

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# CURRICULUM

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## DEGREE PROGRAMS: INTRODUCTION

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All degree programs have a similar structure which includes General Education courses, Distribution courses, Major Requirements and Free Electives:

- \* *General Education* courses in English Composition, Literature, Philosophy and Religion develop basic written communication skills and critical thinking skills and expose students to value oriented subjects from a variety of disciplines. (General Education courses from each department—English, Foreign Languages and Literatures, Philosophy and Religion—are grouped together and listed immediately after the department name in the “Course Description” section.)
- \*\* *Distribution* courses are organized into five Areas: Area 1—English and History, Area 2—Foreign Languages and Mathematics, Area 3—Fine Arts and Humanities, Area 4—The Social Sciences, and Area 5—The Natural Sciences. With offerings from all departments in the Arts and Sciences, the range of options permits the student to select several areas of interest and attain some depth of study outside of the major field. Some selections among the Distribution courses may be required by your major (check your program requirements for specific information), but in general, Distribution requirements offer a great deal of flexibility so that students can participate in shaping their programs to suit their needs and interests. (General Education courses may not be used to fulfill Distribution requirements.)

*Major Requirements* are those courses determined by your major department to fulfill the requirements for your degree. Major requirements vary. They may include courses outside of your primary department. They may include “Controlled Electives” which allow you to choose your courses from several different stated offerings, or from offerings in several different departments. Major requirements may even be organized differently; for example, Business Administration majors are required to take the introductory courses in the “Business Core” drawn from several different departments, as well as the “Professional Studies” courses in which the student pursues more advanced studies in the chosen area of concentration, i.e., the major itself.

- \*\* *Free Electives* offer a further opportunity to influence your own program of education. You may select and use Free Electives however you choose, grouping them to build a strong minor or using them to diversify your background or broaden your interests.

*The Curriculum Progress Chart* is the form used by your academic advisor to record your progress in meeting requirements in all of the areas described above. Although charts for the Associate in Arts, Associate in Science, Bachelor of Arts and Bachelor of Science Degrees are similar because the structure of all degree programs is similar, the charts are individualized for particular degrees when requirements vary. Examples of the Curriculum Progress Charts follow the description of the degree requirements.

# THE ASSOCIATE DEGREE

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The Associate degree programs, which include General Education courses, Distribution courses, Major Requirements and Free Electives, are structured like the Bachelor's degree programs, but require only half as many (60) credit hours to attain. Such a program of study will provide a strong foundation in your particular field of interest or assist in your professional development and can be applied to a Bachelor's degree program either upon completion of the requirements or at any time during your matriculation. The Associate in Arts degree can be earned in Computer Programming, Criminal Justice, Liberal Arts or Social Science.

## ASSOCIATE IN ARTS

Curriculum requirements for the Associate in Arts degree are as follows:

### COMPUTER PROGRAMMING

#### \*GENERAL EDUCATION (5 courses)

ENG 101E

ENG 102E

1 course—Gen. Ed. Literature

1 course—Gen. Ed. Philosophy

1 course—Gen. Ed. Religion

#### \*\*DISTRIBUTION (4 courses)

Area 2—MTH 111E and 112E (if  
interested in data processing)  
or MTH 106E and 120E (if  
interested in scientific  
programming)

Area 4—ECN/QNT 213E

Area 1, 3, 4 or 5—1 course

#### MAJOR (7 courses)

CSC 155E

CSC 156E

CSC 254E

CSC 257E

3 controlled electives (selected  
with approval of Dept. Chair)

#### ELECTIVES (4 courses)

Course work of student's choice

### CRIMINAL JUSTICE

#### \*GENERAL EDUCATION (5 courses)

ENG 101E

ENG 102E

1 course—Gen. Ed. Literature

1 course—Gen. Ed. Philosophy

1 course—Gen. Ed. Religion

#### \*\*DISTRIBUTION (4 courses)

Area 1—2 courses

Area 4—POL 150E and PSY 150E

#### MAJOR (8 courses)

SOC 150E

SOC 151E

CRJ 220E

CRJ 221E

CRJ 222E

CRJ 223E

HUM 325E or 377E

PSY 315E

#### ELECTIVES (3 courses)

Course work of student's choice



## LIBERAL ARTS

*Note:* Since General Education and Distribution courses *are* Liberal Arts courses, the Major requirements for this degree are not listed separately but consist of increased requirements in General Education and Distribution. Therefore, the Associate in Arts in Liberal Arts has its own Curriculum Progress Chart and an example of it follows the Curriculum Progress Chart for Associate in Arts—Associate in Science.

### \*GENERAL EDUCATION (8 courses)

ENG 101E

ENG 102E

2 courses—Gen. Ed. Literature

2 courses—Gen. Ed. Philosophy

2 courses—Gen. Ed. Religion

### \*\*DISTRIBUTION (8 courses)

2 courses in 4 of 5 possible Areas

### ELECTIVES (4 courses)

Course work of student's choice

## SOCIAL SCIENCE

### \*GENERAL EDUCATION (5 courses)

ENG 101E

ENG 102E

1 course—Gen. Ed. Literature

1 course—Gen. Ed. Philosophy

1 course—Gen. Ed. Religion

### DISTRIBUTION (4 courses)

Area 4—ECN 150E, ECN 201E

2 courses in any one other Area

### MAJOR (8 courses)

POL 150E

POL 240E

PSY 150E

1 course—PSY 203E, 206E or 364E

1 course—SOC 150E or 151E

1 course—SOC 207E, 212E or 213E

2 upper division courses in ECN, POL,

PSY or SOC (excluding SOC 301E,

302E, and 310E)

### ELECTIVES (3 courses)

Course work of student's choice

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#### Note\*

In the academic year 1988/89, Foundation Courses may be used to fulfill General Education Requirements in the Evening Division curriculum in Writing and Literature, in Philosophy, and in Religion.

#### Note\*\*

In the Academic year 1988/89, Foundation Courses in Biology, Chemistry, Geology, History, Political Science, Psychology, and Sociology may be used to fulfill Distribution Requirements or as free electives in the Evening Division Curriculum.

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# Associate in Arts in Liberal Arts

## CURRICULUM PROGRESS CHART

Keep track of your academic progress. At the end of each semester fill in the title and number of each course which you have completed. Please take this record with you when you report for academic counseling.

### General Education (8 courses)

English Composition

1. ENG 101E

2. ENG 102E

Literature or Literature in Translation

1. \_\_\_\_\_

2. \_\_\_\_\_

Philosophy

1. \_\_\_\_\_

2. \_\_\_\_\_

Religion

1. \_\_\_\_\_

2. \_\_\_\_\_

### Distribution Requirements (8 courses)

*Select 2 courses from 4 out of the 5 areas*

Area 1 [English, History]

1. \_\_\_\_\_ 2. \_\_\_\_\_

Area 2 [Foreign Language, Computer Science, Mathematics]

1. \_\_\_\_\_ 2. \_\_\_\_\_

Area 3 [Art, Music, Philosophy, Religion]

1. \_\_\_\_\_ 2. \_\_\_\_\_

Area 4 [Economics, Political Science, Psychology, Sociology]

1. \_\_\_\_\_ 2. \_\_\_\_\_

Area 5 [Biology, Chemistry, Geology, Physics, Humanities 201E, 202E]

1. \_\_\_\_\_ 2. \_\_\_\_\_

### Electives

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

# Associate in Arts

## Computer Programming, Criminal Justice or Social Science

### CURRICULUM PROGRESS CHART

Keep track of your academic progress. At the end of each semester fill in the title and number of each course which you have completed. Please take this record with you when you report for academic counseling.

#### General Education (5 courses)

English Composition

1. ENG 101E

2. ENG 102E

Literature or Literature in Translation

1. \_\_\_\_\_

Philosophy

1. \_\_\_\_\_

Religion

1. \_\_\_\_\_

#### Major Requirements

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

#### Distribution Requirements (4 courses)

*Select 4 courses as described by the  
major department*

Area 1 [English, History]

1. \_\_\_\_\_ 2. \_\_\_\_\_

Area 2 [Foreign Language, Mathematics]

1. \_\_\_\_\_ 2. \_\_\_\_\_

Area 3 [Art, Music, Philosophy, Religion]

1. \_\_\_\_\_ 2. \_\_\_\_\_

Area 4 [Economics, Political Science,  
Psychology, Sociology]

1. \_\_\_\_\_ 2. \_\_\_\_\_

Area 5 [Biology, Chemistry, Geology,  
Physics, Humanities 201E, 202E]

1. \_\_\_\_\_ 2. \_\_\_\_\_

#### Electives

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_



# THE BACHELOR'S DEGREE

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The Evening Division's curriculum enables the student to pursue an academically valid general education and an in-depth study in a major academic field. The highly flexible program preserves the elements of a common intellectual experience appropriate to a liberal arts university while at the same time, affording the mature student freedom and choice in designing an educational experience which might help one to develop abilities, progress in employment and prepare for career objectives. The program of study leading to a Bachelor's degree consists of 120 credits properly distributed among requirements in General Education, Distribution, Major Requirements and Free Electives. For all students with 60 or fewer credits as of September, 1985, the 120 credits must include at least 38 courses of three credits or more. The Bachelor of Arts degree can be earned in Computer Science, Economics, English, History, Humanities, Political Science/Public Administration, Psychology and Sociology. The Bachelor of Science degree can be earned in Electronic Physics and Applied Mathematics, as well as in Business Administration and Nursing. Curriculum requirements are discussed below under "Bachelor of Arts," "Bachelor of Science," "Bachelor of Science in Business Administration" and "Bachelor of Science in Nursing."

## BACHELOR OF ARTS

Curriculum requirements for the Bachelor of Arts degree are as follows:

### \*GENERAL EDUCATION (8 courses)

ENG 101E

ENG 102E

2 courses—Gen. Ed. Literature

2 courses—Gen. Ed. Philosophy

2 courses—Gen. Ed. Religion

### \*\*DISTRIBUTION (8 courses)

2 courses in 4 of the 5 possible Areas, excluding courses in your major or Gen. Ed. offerings.

Area 1—English, History

Area 2—Foreign Languages,  
Mathematics

Area 3—Art, Music, Philosophy, Religion

Area 4—Economics, Political Science,  
Psychology, Sociology

Area 5—Biology, Chemistry, Geology,  
Humanities 201E, 202E,  
Physics

### MAJOR REQUIREMENTS (12-15 courses)

Specific requirements are listed for each major in the Course Description section of this Catalogue.

### ELECTIVES

Course work chosen by student; number of credits needed is the number which, when added to credits required in Gen. Ed., Distribution, and Major, will bring total credits to 120.

# Bachelor of Arts

## CURRICULUM PROGRESS CHART

Keep track of your academic progress. At the end of each semester fill in the title and number of each course that you have completed. Please take this record with you when you report for academic counseling.

### General Education (8 courses)

English Composition  
1. ENG 101E

2. ENG 102E  
Literature or Literature in Translation

1. \_\_\_\_\_

2. \_\_\_\_\_

Philosophy

1. \_\_\_\_\_

2. \_\_\_\_\_

Religion

1. \_\_\_\_\_

2. \_\_\_\_\_

### Major Requirements

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_

14. \_\_\_\_\_

15. \_\_\_\_\_

### Distribution Requirements (8 courses)

*Select 2 courses from 4 of the 5 areas  
excluding courses in your major  
department or Gen. Ed. offerings.*  
Area 1 [English, History]

1. \_\_\_\_\_ 2. \_\_\_\_\_

Area 2 [Foreign Language,  
Mathematics]

1. \_\_\_\_\_ 2. \_\_\_\_\_

Area 3 [Art, Music, Philosophy,  
Religion]

1. \_\_\_\_\_ 2. \_\_\_\_\_

Area 4 [Economics, Political Science,  
Psychology, Sociology]

1. \_\_\_\_\_ 2. \_\_\_\_\_

Area 5 [Biology, Chemistry, Geology,  
Humanities 201E, 202E, Physics]

1. \_\_\_\_\_ 2. \_\_\_\_\_

### Electives

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

# BACHELOR OF SCIENCE

Curriculum requirements for the Bachelor of Science degree are as follows:

**\*GENERAL EDUCATION (8 courses)**

ENG 101E  
ENG 102E  
2 courses—Gen. Ed. Literature  
2 courses—Gen. Ed. Philosophy  
2 courses—Gen. Ed. Religion

**\*\*DISTRIBUTION (8 courses)**

2 courses in 4 of the 5 possible Areas, excluding courses in your major department or Gen Ed. offerings

Area 1—English, History

Area 2—Foreign Languages,  
Mathematics

Area 3—Art, Music, Philosophy, Religion

Area 4—Economics, Political Science,  
Psychology, Sociology

Area 5—Biology, Chemistry, Geology,  
Physics

**MAJOR REQUIREMENTS**  
(12-15 courses)

Specific requirements listed for each major in the Course Descriptions section of this Catalogue; besides indicating major courses, department may specify additional courses to be used in meeting Distribution requirements in designated Areas related to the major.

**ELECTIVES**

Course work chosen by student; number of credits needed is the number which, when added to credits required in Gen. Ed., Distribution, and Major, will bring total credits to 120.



*Mr. William Doyle; Instructor, Computer Science Department—Evening Division*



# Bachelor of Science

## CURRICULUM PROGRESS CHART

Keep track of your academic progress. At the end of each semester, fill in the title and number of each course that you have completed. Please take this record with you when you report for academic counseling.

### General Education (8 courses)

English Composition

1. ENG 101E

2. ENG 102E

Literature or Literature in Translation

1. \_\_\_\_\_

2. \_\_\_\_\_

Philosophy

1. \_\_\_\_\_

2. \_\_\_\_\_

Religion

1. \_\_\_\_\_

2. \_\_\_\_\_

### Major Requirements

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_

14. \_\_\_\_\_

15. \_\_\_\_\_

### Distribution Requirements (8 courses)

*Select 2 courses from 4 of the 5 areas  
exclusive of courses in your major*  
Area 1 [English, History]

1. \_\_\_\_\_ 2. \_\_\_\_\_

Area 2 [Foreign Language,  
Mathematics]

1. \_\_\_\_\_ 2. \_\_\_\_\_

Area 3 [Art, Music, Philosophy,  
Religion]

1. \_\_\_\_\_ 2. \_\_\_\_\_

Area 4 [Economics, Political Science,  
Psychology, Sociology]

1. \_\_\_\_\_ 2. \_\_\_\_\_

Area 5 [Biology, Chemistry, Geology,  
Physics]

1. \_\_\_\_\_ 2. \_\_\_\_\_

### Electives

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

# **BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION**

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A program leading to a Bachelor of Science degree in Business Administration consists of 120 credits, of which at least 40 percent, and no more than 60 percent, must be in Business and Economics. The program is designed to provide for the educational needs of students already employed in business and for those planning to enter graduate schools. While keeping in mind the student's age, experience, educational and employment goals, the program prepares the student for managerial responsibility and provides an enduring base for personal development.

This program is structured like all other Bachelor degree programs (with requirements in General Education, Distribution, the Major and Electives) with one exception: the Major Requirements include both the "Business Core" and the "Professional Studies" or "Option." The "Business Core" consists of courses in the several areas of business practice and in analytical methods and techniques. This foundation is intended to develop a broad understanding of business problems. The "Professional Studies" or "Option" consists of 4 courses in a functional area beyond the courses required in the Business Core. An exception is the Accounting Option, for which a set of 8 course requirements has been established as necessary preparation for the Certified Public Accounting examination in Pennsylvania. You may choose your professional option when you apply for admission or at some time during your first two years of college.

The Curriculum follows the standards established by the American Assembly of Collegiate Schools of Business.



## **Bachelor of Science in Business Administration Curriculum Requirements**

### **\*GENERAL EDUCATION (8 courses)**

ENG 101E  
ENG 102E  
2 courses—Gen. Ed. Literature  
2 courses—Gen. Ed. Philosophy  
2 courses—Gen. Ed. Religion

### **\*\*DISTRIBUTION (8 courses)**

Area 1: English, History  
\*Area 2: MTH 111E and 112E, or  
MTH 120; CSC 151E  
Area 3: Art, Music, Philosophy,  
Religion  
\*Area 4: ECN 150E, 201E  
Area 5: Biology, Chemistry, Geology,  
Humanities 201E, 202E, Physics

\*All majors must select these Distribution courses plus three additional courses from any two remaining Areas (1, 3 and 5).

### **BUSINESS CORE (12 courses)**

Taken freshman and sophomore  
year—below 54 credits:  
Principles of Accounting  
(ACC 101,102)  
Economics and Business Statistics  
(ECN/QNT 213)  
Legal Environment Of Business  
(LAW 202)  
Statistical Information Systems  
(QNT 215)

\*Students are encouraged to take ECN 150 and ECN 201 prior to earning 54 credits.

Taken junior and senior year—  
above 54 credits:

Managerial Economics (ECN 302)  
Fundamentals of Financial Management  
(FIN 300)  
Introduction to Financial Markets and  
Institutions (FIN 303)  
Operations Management (MGT 300)  
Organizational Behavior (MGT 301)  
Business Policy (MGT 401)  
Principles of Marketing (MKT 300)

### **PROFESSIONAL STUDIES**

Specific requirements are listed  
for each major in the Course  
Descriptions section of this  
Catalogue

### **ELECTIVES**

Course work chosen by student; number  
of credits needed is the number which,  
when added to credits required in Gen.  
Ed., Distribution and the Major, will  
bring total credits to 120. To achieve  
a balance between liberal arts and  
professional studies, the school limits  
the accounting major to no more than  
two elective courses in business admin-  
istration and economics, and non-  
accounting majors to no more than six  
courses.



# Bachelor of Science in Business Administration

## CURRICULUM PROGRESS CHART

Keep track of your academic progress. At the end of each semester, fill in the title and number of each course that you have completed. Please take this record with you when you report for academic counseling.

### General Education (8 courses)

English Composition

1. ENG 101E

2. ENG 102E

Literature or Literature in Translation

1. \_\_\_\_\_

2. \_\_\_\_\_

Philosophy

1. \_\_\_\_\_

2. \_\_\_\_\_

Religion

1. \_\_\_\_\_

2. \_\_\_\_\_

### Business Core (12 courses)

Accounting 101E \_\_\_\_\_

Accounting 102E \_\_\_\_\_

QNT 213E \_\_\_\_\_

QNT 215E \_\_\_\_\_

Law 202E \_\_\_\_\_

Marketing 300E \_\_\_\_\_

### Professional Studies (4 or 8 courses)

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

### Distribution Requirements (8 courses)

Area 1 [English, History]

1. \_\_\_\_\_ 2. \_\_\_\_\_

Area 2 [Mathematics]\*

1. MTH 111E 2. MTH 112E

3. CSC 151E

Area 3 [Art, Music, Philosophy,  
Religion]

1. \_\_\_\_\_ 2. \_\_\_\_\_

Area 4 [Economics]\*

1. ECN 150E 2. ECN 201E

Area 5 [Biology, Chemistry, Geology,  
Humanities 201E, 202E, Physics]

1. \_\_\_\_\_ 2. \_\_\_\_\_

\*Controlled

Finance 300E \_\_\_\_\_

Finance 303E \_\_\_\_\_

Management 300E \_\_\_\_\_

Management 301E \_\_\_\_\_

Economics 302E \_\_\_\_\_

Management 401E \_\_\_\_\_

### Electives

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

# MBA Basic Core Equivalents

*Note:* There is a body of undergraduate coursework, drawn primarily from the Business curriculum, which can be used to waive the required 24 credits of foundation level coursework for the MBA degree. All but three of these undergraduate courses are required in the Business Core or Distribution area for all Undergraduate Business majors. The courses are as follows:

<u>EVENING DIVISION COURSE</u>	<u>MBA COURSE</u>
1. MTH 111E Introduction to Calculus	MATH REQUIREMENT
2. ACC 101E Principles of Accounting, 1 ACC 102E Principles of Accounting, 2	ACC 502
3. ECN 150E Introductory Economics, 1 ECN 201E Introductory Economics, 2	ECN 505
4. FIN 300E Fundamentals of Financial Management FIN 303E (Formerly FIN 201E) Introduction to Financial Markets and Institutions	FIN 514
5. MGT 300E Operations Management	MGT 511
6. ECN/QNT 213E Economics and Business Stat, 1 ECN 214E Statistical Techniques in Economics and Managerial Decision Making	QNT 509
7. CSC 151E or 155E Introduction to CSC CSC 353E Systems Analysis	MIS 517
8. MGT 301E (Formerly MGT 201E) Organizational Behavior	MGT 506
9. MKT 300E (Formerly MKT 201E) Principles of Marketing	MKT 518

# BACHELOR OF SCIENCE IN NURSING

Gloria Ferraro Donnelly, R.N., Ph.D., F.A.A.N., Department Chair

The La Salle University Nursing Program is designed for registered nurses who wish to pursue educational goals without having to forego employment, and therefore, courses are scheduled to provide evening, day and weekend options. It is the goal of the Program to enable the nurse to promote health, harmony and increasing independence in individuals, families and communities by expanding the nurse's knowledge and skill in holistic health theories and practice. The Program focuses on the application of systems theory and the bio-psycho-social sciences to nursing care in micro and macro systems, the evaluation and use of research findings in nursing, collaboration with consumers and other health care professionals to effect change in health care delivery systems, leadership strategies that advance the state of the profession and, ultimately, health of client systems, and the use of the nursing process in promoting self-care and healing in client systems. La Salle's Nursing Program provides the opportunity to refine critical thinking skills, to strengthen one's self concept as a person and a nurse, and to set a course for self-directed learning and independent action, enhancing one's personal and professional growth.

Admission to the Nursing Program is limited to registered nurses. Also before taking Nursing Major courses, students must have completed 60 semester credit hours in arts and sciences. The following courses are prerequisite to the Nursing Major and must be included in those 60 semester credit hours:

English Composition	6 credits	Anatomy and Physiology	8 credits
Microbiology	3 credits	Psychology	3 credits
Chemistry	4 credits	Sociology	3 credits

Students may use these courses to fulfill General Education, Distribution or Elective requirements where possible. Knowledge of course content prerequisite to the Nursing Major, including the above courses, may be validated through transfer of credit or by standardized examination in accordance with Evening Division and Nursing Department policies.

To validate (and earn academic credit for) prior learning in Nursing, majors must pass a battery of Nursing examinations developed by the American College Testing—Proficiency Examination Program (ACT-PEP) in accordance with the policies of the Nursing Department. Twenty semester credits in Nursing are awarded upon successful completion of validating examinations.



Dr. Gloria Donnelly; Chair,  
Department of Nursing

*For every clinical nursing course, i.e. NUR 330, NUR 401, NUR 404, evidence of the following items is required: 1) current RN licensure in Pennsylvania; 2) Professional Liability Insurance in the amount of not less than one million dollars; 3) a Health Assessment to be completed by a physician or certified nurse practitioner.*

# Bachelor of Science in Nursing

## CURRICULUM PROGRESS CHART

Keep track of your academic progress. At the end of each semester fill in the title and number of each course that you have completed. Please take this record with you when you report for academic counseling.

### General Education (8 courses)

English Composition

1. ENG 101E

2. ENG 102E

Literature or Literature in Translation

1. \_\_\_\_\_

2. \_\_\_\_\_

Philosophy

1. \_\_\_\_\_

2. \_\_\_\_\_

Religion

1. \_\_\_\_\_

2. \_\_\_\_\_

### Major Requirements

1. Nursing Validation I 10 cr.

2. Nursing Validation II 10 cr.

3. NUR 320E 3 cr.

*Nursing Validation credits must be posted before  
proceeding to the following courses:*

4. NUR 330E 6 cr.

5. NUR 401E 6 cr.

6. NUR 404E 6 cr.

7. NUR 406E 4 cr.

8. NUR 408E 4 cr.

### Distribution Requirements (8 courses)

*Select 2 courses from 4 of the 5 areas  
exclusive of courses in your major*

Area 1 [English, History]

1. \_\_\_\_\_ 2. \_\_\_\_\_

Area 2 [Foreign Language,  
Mathematics]

1. \_\_\_\_\_ 2. \_\_\_\_\_

Area 3 [Art, Music, Philosophy,  
Religion]

1. \_\_\_\_\_ 2. \_\_\_\_\_

Area 4 [Psychology, Sociology]

1. Psychology 2. Sociology

Area 5 [Microbiology, Chemistry]

1. Microbiology 2. Chemistry

### Electives

1. Anatomy & Physiology 4 cr.

2. Anatomy & Physiology 4 cr.

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_



## **EDUCATION CERTIFICATION**

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La Salle University offers evening post-baccalaureate teacher education programs in special education and secondary education. Before being accepted into Supervised Teaching, candidates for certification must have an index of 2.5 or better in all education course work and all course work in the associated major (i.e., English, Mathematics, etc.). They must be recommended by the Teacher Education Committee before beginning Supervised Teaching. Recommendations are predicated upon successful completion of all course requirements and on the fitness of the individual for the professional position he or she has selected.

Upon successful completion of the program outlined by the appropriate advisor(s), a student may apply for Instructional I certification. State certification regulations require that an applicant for a teacher's certificate be known by the preparing institution as a person of good moral character, possessing personal qualities, professional knowledge, and pedagogical competencies which warrant issuance of a teacher's certificate (School Laws of Pennsylvania, Article XIII). In addition, all applicants must meet certain physical and medical standards to obtain an Instructional I certificate to teach in the public schools of Pennsylvania.

Those applying for their first Instructional Certificate after June 1, 1987 will be required by State Board regulations to pass the Pennsylvania Teacher Certification Tests in Basic Skills, General Knowledge, Professional Knowledge, and in the Specialty Area of certification. Some states may also require prospective teachers to take the National Teacher Exams. For further information, call 951-1190.

## **GRADUATE PROGRAMS**

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In addition to the undergraduate degree programs described above, La Salle University offers several Master's level programs and teacher's certification programs which can be pursued at night:

### **Bilingual/Bicultural Studies (Spanish)**

Designed for Educators and other professionals (police officers, nurses, hospital and court employees, social workers, etc.) who serve the growing Spanish speaking population in the Delaware Valley. Pennsylvania Certification in Spanish is available through this program. For further information, call 951-1593.

### **Business Administration - MBA**

Designed to challenge the individual student and provide the opportunity for mastery of advanced management skills, building on and extending one's professional and educational experience. Certain undergraduate courses may be used to waive foundation courses in the MBA program. For further information, call 951-1057.

## **Business Administration - M.S. in Organization and Management**

Designed for managers who want to improve their effectiveness, the program focuses on the behavioral and organizational aspects of management. For further information, call 951-1057.

## **Education**

Designed for all educators with a goal of professional excellence. It encourages the practical application of developmentally oriented knowledge and integrates professional needs and graduate course assignments. (Individualized certification programs are also available. See above.) For further information, call 951-1593.

## **Nursing**

The M.S.N. degree programs at La Salle University prepare advanced nurse generalists for clinician and manager/administrator roles in traditional and non-traditional settings. For further information, call 951-1430.

### *Advanced Nurse Generalist Tracks*

- Adult Health and Illness Nursing
- Community Health Nursing
- Management/Administration

## **Human Services Psychology**

La Salle's human services psychology program is intended for:

- the part-time student who wants a thorough grounding in the science and art of human services psychology while employed full time;
- the student who has had two or more years of post-baccalaureate work and wants the opportunity to complete studies for an advanced psychology degree, including supervised field placements, within three years;
- the person already employed in human services types of work who needs higher level training to advance;
- the person in allied fields who desires a lateral change into human services psychology.

For further information, call 951-1270.

## **Religion**

The graduate program in Pastoral Counseling offers two concentrations: Individual and Group Counseling and Marriage and Family Therapy. This program is designed for ordained and lay ministers as well as those planning careers in mental health who want to incorporate the spiritual dimension with the best therapeutic theories and skills in their clinical interventions.

The graduate program in Theological and Ministerial Studies offers concentrations in Theology, Religious Education, Pastoral Ministry, Ministry to Marriage and Family, Youth Ministry, and Liturgical Ministry. It is designed for all Christians, lay, vowed or ordained, seeking to deal with contemporary theological and ministerial challenges. For further information on graduate programs in Religion, call 951-1350.

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# DESCRIPTION OF COURSES

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- All courses are listed alphabetically by department.
- Courses followed by a semester designation are usually offered each year during semester indicated. Courses with no designation are usually offered on a rotating basis. Consult course rosters.
- Courses listed below will ordinarily be given only when there is a minimum enrollment of 12 students.

## ACCOUNTING

**Department Chair: Joseph G. Markmann, B.S., C.P.A.**

The Professional Option in Accounting consists of eight courses:

- Accounting 301E, 302E, 303E, 405E, 408E and three advanced courses selected in consultation with the Department Chair.

### **Accounting 101E Principles of Accounting, 1** 3 credits

Training in the fundamental principles of recording business transactions, including a study of the presentation and interpretation of the financial data of a single proprietorship, partnership, and corporation.

### **Accounting 102E Principles of Accounting, 2** 3 credits

Prerequisite, ACC 101E

The relationship between understanding accounting procedures and using accounting data effectively; the interrelationships between financial statements and the methods of accumulating data for these statements and how the particular accounting methods used influence business decisions. Problems include depreciation methods, inventory valuation, alternative methods of obtaining capital and the measurement and control of costs within the corporate entity.

### **Accounting 301E Accounting Theory I** 3 credits

Prerequisite, ACC 102E and junior standing

Theories and problems involved in proper recording of transactions and preparation of financial statements. Review of accounting cycle, discussion of financial statements, analysis of theory as applied to transactions affecting current assets, current liabilities, long-term investments, and their presentation on the balance sheet. (Formerly ACC 201E.)

### **Accounting 302E Accounting Theory II** 3 credits

Prerequisite, ACC 301E

Detailed presentation of theory as applied to plant and equipment, intangible assets, long-term debt, capital stock and surplus; correction of errors of prior periods; analysis of financial statements; statement of application of funds. (Formerly ACC 202E.)

### **Accounting 303E Cost Accounting** 3 credits

Prerequisite, ACC 102E and junior standing

Basic principles applied to job cost and process cost systems. Topics include: purchasing and issuing of materials and maintenance of perpetual inventory records, control of labor, methods of distributing factory overhead expenses, evaluation of problems involved in shrinkage and idle time, forms used in job and process cost systems, and discussion of the place of cost accounting in modern enterprises.

### **Accounting 304E Auditing** 3 credits

Prerequisite, ACC 302E

A practical presentation of modern audit practices, emphasizing the principles and objectives of an audit. Analysis of the audit basis, the best standards, objective reporting, the adoption of improved accounting standards, business controls, professional ethics, and legal liability.

### **Accounting 310E Financial Statement Analysis**

Prerequisite, ACC 102E and junior standing

3 credits

Comparative analyses by percentages, ratios, trends, graphic reports, and projections applicable to the balance sheet and income statement. Structure and meaning of accounts and peripheral statements such as application of funds and breakeven analysis.

### **Accounting 313E Advanced Cost Accounting**

Prerequisite, ACC 303E

3 credits

Economic, industrial, and managerial aspects of cost accounting with emphasis on flexible budget as basis for cost control; analysis of variance and graphic charts. Study of estimated costs, standard costs, and distribution costs.

### **Accounting 405E Advanced Accounting Theory and Problems I**

Prerequisite, ACC 302E

3 credits

A study of home office and branch accounting, mergers, acquisitions and preparation of consolidated financial statements, foreign operations.

### **Accounting 406E Advanced Accounting Theory and Problems II**

Prerequisite, ACC 405E

3 credits

A study of special topics in accounting theory including partnerships, installment sales, estate and trust, and insolvency in connection with realization and liquidation.

### **Accounting 408E Taxation of Individuals**

Prerequisite, junior standing

3 credits

Comprehensive explanation of the federal structure as it applies to individuals and the application of tax principles to specific problems. Includes types of returns, rates, business and personal income, sales and exchange, business and personal deductions, and withheld and prepaid taxes.

### **Accounting 413E Budgetary Planning and Control**

Prerequisite, ACC 302E, 313E or approval of Department Chair

3 credits

Principles of business planning for financial control of future operations through use of budgetary systems. Each section of the budget is treated, the various sections are assembled, and a master budget is prepared. Types and uses of budgets are discussed. Usually offered spring semesters.

### **Accounting 418E Corporate and Other Taxation**

Prerequisite, ACC 408E

3 credits

Reviews federal revenue system; partnership; federal corporate income tax, federal state and federal gift taxes, State of Pennsylvania corporation taxes, City of Philadelphia taxes. Usually offered spring semesters.

### **Accounting 419E Advanced Accounting Problems**

Prerequisite, ACC 406E

3 credits

Reviews advanced material covering the entire accounting field including partnership liquidations, fiduciary accounting, consolidations, federal and state taxes, municipal accounting and other problems. Usually offered fall semesters.

## **ART**

### **Art 101E Elements of Art**

3 credits

Analysis of the elements of painting, architecture and sculpture, application of principles to several major artists.

## **BIOLOGY**

**Department Chair: Norbert Belzer, Ph.D.**

*Note:* In the Academic year 1988/89, Foundation Courses in Biology, Chemistry, Geology, History, Political Science, Psychology, and Sociology may be used to fulfill Distribution Requirements or as electives in the Evening Division Curriculum.



## FOUNDATION COURSES

### **Biology 154E Ecology and Environmental Issues**

3 credits

Lectures, visuals, and demonstrations to introduce basic ecological principles and environmental issues from a scientific and sociological viewpoint. Topics include: ecosystems, trophic levels and food webs, populations, natural resources, and pollution. Three hours lecture, no laboratory.

### **Biology 155E Life Before Birth**

3 credits

Lectures, visuals, demonstrations, and student investigation will illustrate the sequential formation of the human body from production of the reproductive cells, through fertilization and organ formation, to birth. In addition, common developmental problems and their causes will be discussed. Three hours lecture, no laboratory.

### **Biology 156E Human Genetics**

3 credits

Lectures, supplemented with visuals and demonstrations to illustrate the general principles of genetic transmission and their application. Discussion of currently developing technologies and procedures for genetic control which might have an impact on humans and of problems arising from gene and/or chromosomal abnormalities. Three hours lecture, no laboratory.

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### **Biology 161E-162E Anatomy and Physiology**

4-8 credits

Structure and functioning of the human body with emphasis on interrelationships of the major organ systems. Three hours lecture, two hours laboratory; two terms.

### **Biology 251E Clinical Microbiology**

3 credits

Physical and chemical techniques available for destruction of microbes; prevention of microbial contamination; role of specific pathogens in the etiology of human disease processes; chemotherapeutic and antibiotic preparations available to assist body mechanisms. Recommended for nurses. Two hours lecture, two hours laboratory.

## CHEMISTRY

**Department Chair: Thomas S. Straub, Ph.D.**

*Note:* In the Academic year 1988/89, Foundation Courses in Biology, Chemistry, Geology, History, Political Science, Psychology, and Sociology may be used to fulfill Distribution Requirements or as electives in the Evening Division Curriculum.

## FOUNDATION COURSE

### **Chemistry 150E Consumer Chemistry**

3 credits

A non-mathematical examination of the development of fact and theory in chemistry and the utilization of chemistry by society. Topics may include: energy, pharmaceuticals, environmental effects, food additives, and synthetic materials. No prior knowledge of chemistry required.

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### **Chemistry 111E General Chemistry—Part 1**

4 credits

Provides a firm theoretical basis for understanding the fundamentals of chemistry in the field of inorganic chemistry. Includes stoichiometry, the states of matter, thermochemistry, atomic and molecular structure, and the periodic chart. The descriptive chemistry is concerned principally with the non-metals. Three hours lecture, three hours lab.

### **Chemistry 112E General Chemistry—Part 2**

Prerequisite, CHM 111E

4 credits

Includes solutions, ionic equilibria, oxidation and reduction, electrochemistry, complex ions and nuclear chemistry. The descriptive chemistry of the metals is also covered as well as some aspects of qualitative analysis. Three hours lecture, three hours lab.

### **Chemistry 161E Chemistry of the Life Sciences**

4 credits

A terminal course for students who wish to obtain a general knowledge of chemistry with emphasis on the processes in the body and in nature. Descriptive and some quantitative principles discussed. Three hours lecture, three hours laboratory. (Formerly CHM 151E.)

### **Chemistry 201E Organic Chemistry—Part 1**

Prerequisite, CHM 112E

4 credits

Presents the theoretical aspects of organic chemistry and the structure, nomenclature, syntheses, and physical and chemical properties of the main classes of organic compounds. The aliphatic compounds are studied with emphasis on bond structure, reaction mechanisms, stereochemistry, and the correlation of structure with physical and spectral properties. Three hours lecture, three hours lab.

### **Chemistry 202E Organic Chemistry—Part 2**

Prerequisite, CHM 201E

4 credits

Monofunctional and polyfunctional aromatic compounds, and polyfunctional aliphatic compounds are considered and discussed from the viewpoint of reaction mechanisms and synthetic sequences. Both aliphatic and aromatic compounds are also treated under the three categories of substitution, addition and elimination reactions. Petroleum chemistry, proteins and carbohydrates are treated as special topics. Three hours lecture, three hours lab.

## **CLASSICS**

Course listings under Foreign Languages and Literatures Department.

## **COMMUNICATION**

Department Chair: William Wine, M.S.

### **Communication 201E Introduction to Mass Media**

3 credits

Investigation of newspapers, magazines, radio, television, and film as mass media; influence of the medium on content; internal and external efforts at regulation. (Formerly, ENG 257E.)

### **Communication 202E Interpersonal Communication**

3 credits

Through lectures, discussions, and exercises, students learn basic theories and concepts of effective communication, discuss their usefulness, and discuss application to our communication behavior.

### **Communication 203E Media: Design and Production**

3 credits

Analysis and production of visual communication through still photography, television, and film to develop skills in perception and composition of visual communication.

### **Communication 204E Film as Art**

3 credits

A study of selected films and discussion of the artistic techniques involved. (Formerly, ENG 259E.)

### **Communication 206E Fundamentals of Journalism**

3 credits

Reporting and interviewing techniques, newswriting, copy editing and headline writing, the editorial, the feature story, newspaper makeup and design, label, and the responsibility of the press. Two hours lecture, one hour of field assignment weekly.

### **Communication 210E Dynamics of Communication**

3 credits

Introduction to the theories and practices of interpersonal and group communication and public speaking. Development of skills in listening, observation, verbal and non-verbal communication, and planning, researching, and delivering the public speech.

### **Communication 270E Special Topics**

3 credits

Special studies on a particular topic in communication arts offered in response to student interest. Subject matter will vary from term to term.

### **Communication 301E Broadcasting in America**

Prerequisite, COM 201E

3 credits

A study of the structure of broadcasting in America and of its interaction with society. (Formerly, ENG 357E.)

### **Communication 302E Broadcast Newswriting**

3 credits

Introduction to and application of newswriting for radio and television, including hard news, features, and documentary formats. (Formerly, ENG 353E, "Writing for the Media.")

### **Communication 303E Scriptwriting**

3 credits

Introduction to and application of scriptwriting techniques in formats appropriate for the media of radio, television, and film. (Formerly, ENG 353E, "Writing for the Media.")

### **Communication 304E Radio Production**

Prerequisite, COM 203E

3 credits

Introduces students to the fundamental theories and practices of radio production. Topics include: arranging the programming day; scripting news, dramatic and commercial presentations; training of personnel for actual programming.

### **Communication 305E Television Production**

Prerequisite, COM 203E

3 credits

Introduction to the planning, production, and editing methods of electronic communication. Includes pre-production scripting and participation in production of videotaped television shows. (Formerly, ENG 356E.)

### **Communication 320E Business and Professional Communication**

3 credits

This course is designed to familiarize students with communication behavior in the organizational context, to develop their understanding of underlying communication processes, and, most particularly, to develop in them the skills needed for effective communication in organizational settings.

### **Communication 322E Sex Roles and Communication**

3 credits

Students will look at research on gender and communication, gender and language, gender in interpersonal and public contexts, and gender as portrayed by the mass media. It is the purpose of this course to examine the current dynamic, fluid nature of communication by exploring similarities and differences between the sexes.

### **Communication 401E Advertising and Public Relations Writing**

3 credits

How to write copy for print advertising and press releases, with an emphasis on creativity. The marketing process, campaign strategy, and advertising research. Preparation of a total campaign, requiring oral and written presentations in either advertising or public relations.

### **Communication 403E Film Seminars**

Prerequisite, COM 204E or permission of Instructor

3 credits

The motion picture as industry, as historical record, and as art. Among topics offered: documentary film, film comedy in America, film theory and criticism, film history, the great directors.

### **Communication 404E Broadcast Seminars**

3 credits

Broadcast Regulation and Law, Future Technologies, and Communication Theories are offered as separate broadcast seminar topics. Junior and Senior students may select one or more of these topics for their seminar course(s).

### **Communication 420E Organizational Communication**

3 credits

The need for small groups and communication consultants in American organizations is increasing and thus the theory and practice of communication in organizations is explored to enhance understanding and skill.

### **Communication 422E Family Communication**

3 credits

The theory and practice of communication systems, pleasures, and difficulties in families is examined to increase awareness and control.

## **COMPUTER ELECTRONICS**

Course listings under Electronic Physics Department.

## **COMPUTER AND INFORMATION SCIENCE**

**Department Chair: David Brown, M.A.**

Required for Major in Computer and Information Science: 15 courses

- Computer Science 155E, 156E, 254E, 257E, 355E, 356E, 357E, 358E
- Mathematics 120E, 221E, 240E
- Two controlled electives in statistics, such as Economics 213E, 214E, or as approved by Department Chair.
- Two controlled electives, approved by the Department Chair and chosen from the following concentrations:
  - Computer Systems: CSC 354E, 455E, 457E, 470E
  - Information Systems: CSC 353E, 354E, 454E
  - Business Applications: ACC 201E, 202E; CSC 454E; MGT 301E; MKT 401E
  - Computer Hardware: EPH 350E, 360E, 365E
  - Mathematics: MTH 222E, 321E, 341E, 414E, 421E; PHL 325E



## FOUNDATION COURSES

### **CSC 151E Introduction to Computing with Applications**

3 credits

Survey of computers and systems, data representation, problem solving using a computer. Use of several software packages including a word processor, spreadsheet, and data base management system. Applications to business and social science problems. Recommended for business and liberal arts majors.

### **CSC 155E Fundamentals of Computing**

3 credits

Prerequisite: one semester of college mathematics (or taken concurrently).

Programming in Pascal, including data representation, control structures, Boolean and character variables, procedures, functions, arrays. Development of algorithms for problem solution with an emphasis on mathematical-scientific applications. Recommended for science, mathematics, and computer science majors.

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### **CSC 154E COBOL in Business Data Processing**

Prerequisite, CSC 151E

3 credits

Review of computer concepts, problem solving, and program documentation. Study and use of COBOL language in several case studies of commercial data processing applications. Emphasis on structured programming, documentation, problem analysis, file processing and organization. A terminal course designed for business majors. Not open to CSC majors. Carries lab fee.

### **CSC 156E Algorithm and Data Structures**

Prerequisite, CSC 155E

3 credits

Emphasis on development of algorithms for problem solution with programming of several non-trivial numeric and non-numeric algorithms in PASCAL. Elementary data structures: arrays, stacks, queues, linked lists, trees. Sorting and searching algorithms. Carries lab fee. Usually offered Fall and Spring semesters. (Formerly CSC 153E.)

### **CSC 254E File and Data Management Systems**

Prerequisite, CSC 156E

3 credits

Introduction to COBOL language for CSC majors. File types and file management; introduction to sequential, indexed sequential, and random-access file structures. Carries lab fee. Usually offered Fall and Spring semesters.

### **CSC 257E Computer Structure and Assembly Language**

Prerequisite, CSC 156E

3 credits

Introduction to computer structure and architecture with programming assignments done in IBM/370 Assembly Language. Computer structure and machine language, assembly language, addressing techniques, macros, file input/output, subroutines, recursion, interrupts, error handling. Carries lab fee. Usually offered Fall and Spring semesters.

### **CSC 353E Systems Analysis**

Prerequisites, CSC 254E and ACC 101E

3 credits

Basic concepts of systems; system lifecycle; concepts of information systems-design; components; relationship of data based concepts to the information system; analysis, evaluation, and implementation problems for information systems; systems approach to providing information in traditional business functions. Usually offered Fall semester— even years.

### **CSC 354E Data Structures**

Prerequisite, CSC 156E

3 credits

An in-depth treatment of a variety of data structures and their associated algorithms using the "C" programming language. Stacks, queues, arrays and their address mapping functions. Linear lists, list operations, sequential and linked storage allocation, and garbage collection. Trees, binary trees, tree operations, and use of trees in sorting and searching. Multi-linked structures. Dynamic storage allocation; files and file structures; hash codes and comparison of search methods. Carries lab fee. Usually offered Fall semester—odd years.

### **CSC 355E Discrete Structures**

Prerequisites, CSC 156E and MTH 240E

3 credits

Review of set algebra including mappings and relations; algebraic structures including semi-groups and groups; elements of the theory of directed and undirected graphs; Boolean algebra and propositional logic; applications of these structures to various areas of computer science. Usually offered Fall semesters.



**CSC 356E Programming Languages**

Prerequisites, CSC 254E and 257E

3 credits

Formal definition of programming languages including specification of syntax and semantics; simple statements including precedence, infix, prefix, and postfix notation; global properties of algorithmic languages including scope of declarations, storage allocation, binding and subroutines; list processing, string manipulation, data description, and simulation languages; run-time representation of programs and data structures. Carries lab fee. Usually offered Spring semesters.

**CSC 357E Assemblers, Loaders and Compilers**

Prerequisite, CSC 257E

3 credits

Macros and their use. Structure and function of assemblers, linking loaders and compilers. Program subroutine linkage, parameter passing and binding. Syntax graphs and parsers. Students will design and program several examples. Carries lab fee. Usually offered Fall semesters.

**CSC 358E Computer Architecture**

Prerequisites, CSC 257E and MTH 240E

3 credits

General computer structure from minicomputers to large-scale systems. Current and future memory technologies: internal and external storage. Stack computers, parallel computers, overlap and pipeline processing. Data communications: synchronous and asynchronous lines, protocols, networks and packet switching, multiplexing. Usually offered Spring semesters.

**CSC 454E Advanced Data Processing and Data Base Management**

Prerequisite, CSC 254E

3 credits

Data base system architecture—data structures, storage structures, and data languages. Alternate approaches to data base management systems—relational approach, hierarchical approach and network approach. Data base security and integrity. Query processing. Carries lab fee. Usually offered Fall semester—odd years.

**CSC 455E Formal Languages and Automata Theory**

Prerequisite, CSC 355E

3 credits

Formal languages and their description by grammars and automata: regular, context-free, context sensitive and unrestricted languages. Deterministic and non-deterministic machines. Finite state machines and their applications. Theory of translation, parsing, LL(K), LR(K) and precedence grammars. Usually offered Spring semester—odd years.

**CSC 457E Operating Systems**

Prerequisite, CSC 357E

3 credits

Principles and concepts of process and resource management in operating systems, I/O programming, interrupt mechanism; memory management; processor management, scheduler, traffic controller; device management and information management and file systems. Concepts illustrated in the context of modern computers. Carries lab fee. Usually offered Spring semester—even years.

**CSC 470E Selected Topics in Computer Science**

Prerequisite, permission of Department Chair

3 credits

An introduction to specialized research in computers and computing, concentrating on one particular aspect of computer science which will vary from term to term.

**CRIMINAL JUSTICE**

Course listings under Sociology and Criminal Justice Department.

**ECONOMICS**

**Department Chair: John A. Duffy, Ph.D.**

Required for Major in Economics: 14 courses

- Economics 150E, 201E, 202E, 203E, 213E, 214E, 302E or 303E, 304E, 411E, 412E.
- Mathematics 111E, 112E
- Two controlled electives in the social sciences (Political Science, Psychology or Sociology)

## FOUNDATION COURSES

### **Economics 150E Introductory Economics I**

3 credits

A study of the economic system, including a comparison of market and command economies and consideration of the influence of government policies on economic activity. Emphasis on the U.S. economy and factors which determine employment, inflation, gross national product, and the money supply. (Formerly, ECN 101E)

### **Economics 201E Introductory Economics II**

3 credits

An introduction to microeconomic theory. Topics include: economic problems of the business firm; economic growth of society; urban problems associated with economic growth; economic approaches to ecological issues; international trade issues; economic problems of poor countries. (Formerly, ECN 102E)

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### **Economics 202E Monetary Economics**

Prerequisites, ECN 150E, 201E

3 credits

A study of the monetary and financial system of the U.S. economy. Emphasis on the importance of the money supply, the demand for money, and interest rates, along with more recent developments in the study of monetary variables. Instruments of monetary policy discussed and evaluated in the context of contemporary economic theory; the position of the American financial system in the international financial network. (Formerly, ECN 201E)

### **Economics 203E American Economic History**

3 credits

Analyzes long-term economic growth and development since 1600. Stresses demographic, technological, institutional factors interacting with the market system. Covers imperialism, slavery, industrialization and urbanization, role of government, rise of service economy. Applies basic economic questions and theories of growth to developmental questions.

### **Economics 213E Economics and Business Statistics, 1**

3 credits

Identical with QNT 213E.

### **Economics 214E Statistical Techniques in Economics and Managerial Decision Making**

Prerequisite, ECN 213E or QNT 213E

3 credits

Advanced statistical methods used in the analysis of economic and business decision problems. Emphasis on the role of statistics in economic and managerial decision-making, the identification of appropriate and valid statistical techniques to be used in the decision-making process, sound interpretation of statistical results, and successful execution of statistical methods. Topics: hypothesis testing; analysis of cross-classified data; analysis of variance; multiple regression and correlation; and time series analysis. Introduction to use of the SPSS statistical computer package. Usually offered Spring semester. (Formerly QNT 214E)

### **Economics 231E International Economics**

Prerequisite, ECN 150E

3 credits

An introduction to the theory of international exchange, to natural and policy barriers to trade, to relations between developed and developing countries, and to international disequilibrium. Stress on the evolution of the international monetary system and selected current problems such as balance of payments, exchange standards, liquidity, and the role of international institutions. (Formerly, ECN 431E)

### **Economics 301E Labor Problems in America**

Prerequisite, ECN 201E

3 credits

Study of the sources of the union movement, its history, structure, and functions as well as management rights and reaction to unions. Attention to the development of economic, political and social power, as well as to the problems involved in the use of this power.

### **Economics 302E Managerial Economics**

Prerequisites, ECN 150E, 201E; MTH 112E and QNT 213E

3 credits

An intermediate-level course in the theory and practice of the firm. Theory and estimation of demand, production and cost functions; market structures and pricing in theory and practice; selected aspects of linear programming; regulation and anti-trust; capital budgeting and risk analysis. Usually offered Fall and Spring semesters.

### **Economics 303E Intermediate Micro-Economic Theory**

Prerequisite, ECN 201E

3 credits

Theory of consumer behavior and of production and cost. Price determination of products in various models and of factors of production. General equilibrium theory and welfare economics. (Formerly, ECN 305E)

### **Economics 304E Intermediate Macro-Economic Theory**

Prerequisite, ECN 201E

3 credits

Techniques of measuring national income and output. Theories of aggregate demand and the equilibrium level of income or output, economic fluctuations, economic growth and inflation. Fiscal and monetary policies toward stabilization. (Formerly, ECN 306E)

### **Economics 404E Public Finance**

Prerequisite, ECN 201E

3 credits

An analysis of the revenue and expenditure activities of government with particular emphasis on the rationale of this government activity, the method of financing and the effects of fiscal policy on allocation, distribution, efficiency, equity and stability in the economy.

### **Economics 411E History of Economic Thought**

3 credits

The historical development of economic thought from ancient times to the present. The contributions of the ancient philosophers, the Scholastics, the Mercantilists, the Classicists and the German Historical School.

### **Economics 412E Contemporary Economic Systems**

3 credits

A continuation of Economics 411E through Keynesian economics; a history and analysis of socialist and Marxist thought culminating in a comparative study of the structure and function of the economies of the United States and Soviet Union.

### **Economics 470E Special Topics**

3 credits

Concentration on a particular economic issue or aspect of economic theory. Topics will vary according to student interest and availability of faculty.

## **EDUCATION**

**Department Chair: Francis J. Ryan, Ed.D.**

La Salle University offers teacher preparation programs in secondary education. These programs are approved by the Pennsylvania Department of Education and lead to a B.A. degree and recommendation for Instructional I certification in the area(s) chosen by the certification candidate. These areas include comprehensive social studies, English, and mathematics. Specific information concerning course requirements and certification procedures may be obtained from the Education Department Chair.

The University also offers post-baccalaureate teacher preparation programs in the following areas of secondary education: comprehensive social studies, communications (non-print media), English, earth and space sciences, biology, physics, mathematics, French, German, Italian, Latin, and Spanish. A student seeking admission into a teacher certification program must have all transcripts and supporting credentials evaluated to determine the degree to which the candidate's academic preparation fulfills the requirements in education and the content area. Information regarding this procedure may be obtained from the Education Department Chair. Before being accepted into Supervised Teaching, candidates for certification must have an index of 2.5 or better in all education course work and all course work in the associated major (i.e., English, Mathematics, etc.). They must be recommended by the Teacher Education Committee before beginning Supervised Teaching. Recommendations are predicated upon successful completion of all course requirements and on the fitness of the individual for the professional position he or she has selected.

Upon successful completion of the program outlined by the appropriate adviser(s), a student may apply for Instructional I certification. State certification regulations require that an applicant for a teacher's certificate be known by the preparing institution as a person of good moral character, possessing personal qualities, professional knowledge, and pedagogical competencies which warrant issuance of a teacher's certificate (School Laws of Pennsylvania, Article XIII). In addition, all applicants must meet certain physical and medical standards to obtain an Instructional I certificate to teach in the public schools of Pennsylvania.



Those applying for their first Instructional Certificate after June 1, 1987 will be required by State Board regulations to pass the Pennsylvania Teacher Certification Tests in Basic Skills, General Knowledge, Professional Knowledge, and in the Specialty Area of certification. Some states may also require prospective teachers to take the National Teacher Exams. For further information, call 951-1190.

**Education 102E Foundations of Education: A Developmental Perspective** 3 credits

Provides a basic understanding of the historical, sociological, political, philosophical, and comparative foundations of the schooling process. Also examines current issues in education and outlines certification practices and procedures. (Formerly EDC 201E, "The School: Education in Philosophical and Cultural Perspective.")

**Education 201E Human Exceptionality** 3 credits

A study of human exceptionality, which is actually a study of being human. Examines methods used to label people, reasons why we label, and effects that labeling may have on a person, all from a multi-disciplinary perspective. Each area of exceptionality is defined and studied in terms of characteristics, causes, prevention, and intervention strategies. (Formerly EDC 141E, "Introduction to Exceptional Children.")

**Education 203E Educational Psychology I: Learning and Development** 3 credits

Study of psychological principles as they apply to the pupil in both formal and informal instructional settings. Analysis of human development and learning theory from an educational perspective and implications of the theory for the learner, the learning process, and the instructional environment. Topics include teaching as an art and science; human development including cognitive, moral, and social development of the learner; and behavioral and cognitive learning theories. (Formerly, "The Child: Educational Psychology.")

**Education 204E Educational Psychology II: Curricular and Instructional Applications**

Prerequisite, EDC 203E

3 credits

General curricular and instructional applications of human development and learning theories studied in EDC 203E. Topics include: curricular and instructional design, modes of instruction, the transfer and retention of learning, the motivation of learners, classroom management, individual differences, learners with special characteristics, educational tests and measurements, and the evaluation of student performance.

**Education 301E General Methods and Classroom Management**

Prerequisites, EDC 102E and 203E

3 credits

Developmental approach to establishing student-centered rather than teacher-centered curriculum in elementary, special and secondary education. Focus on basic elements of the decision making process such as lesson planning, writing instructional objectives, questioning techniques, concept development, and education procedures, as well as classroom management strategies. (Formerly, "The Teacher: Study of Teaching.")

**Education 302E Instructional Media and Technology**

3 credits

Focuses on effective incorporation of modern technologies of instruction into classroom practices and examines the impact of those technologies on human growth, development, and learning. Includes media design and production, still photography, television and computers. (Formerly, "Audio Visual Aids.")

**Education 304E Developmental Reading**

3 credits

Provides an understanding of the developmental nature of the reading process and its relationship to the other language arts.

**Education 353E Curriculum Adjustment**

3 credits

This course is broad in scope and content and focuses on the students developing their own ideas about special education by understanding current issues, approaches to teaching exceptional children and the relationship of theory to practice. Helps the students adjust the school curricula to the needs of exceptional children. Field experience in educational setting is required. (Formerly, EDC 343E.)

**Education 354E Diagnosis and Corrections of Learning Problems**

3 credits

Examines current theories of perceptual-motor, language, cognitive, academic and social development to enable students to assess a child's needs and to plan and evaluate remedial programs appropriate for children with learning problems. Field experience in educational setting is required. (Formerly, EDC 344E.)



**Education 469E Supervised Teaching**

1-3 credits

In-class observation of experienced teachers seeking initial or supplementary certification. Eligibility determined by the Education Department.

**Education 479E Special Methods**

3 credits

Prerequisite, Acceptance into EDC 469E

Weekly seminars held either on campus or at the practicum site(s), designed to help students translate theory into practice by exploring teaching methods in the chosen area of certification. Taken concurrently with Education 469E.

**LA SALLE UNIVERSITY — CHESTNUT HILL COLLEGE**  
**Cooperative Program in Elementary Education**

The La Salle University Evening Division has a cooperative program with the Education Department of nearby Chestnut Hill College. Chestnut Hill College, conducted by the Sisters of Saint Joseph, enjoys a reputation for academic excellence. The college is located at the city limits in beautiful Chestnut Hill about five miles from the La Salle Campus.

La Salle students who are pursuing a degree program in Elementary Education and Pennsylvania Teacher Certification register at Chestnut Hill for all required courses in professional education and teaching methods in elementary instruction. The student will complete the General Education, Distribution and Elective courses at La Salle.

Candidates for the degree in Elementary Education must satisfy the requirements prescribed by La Salle University and all coursework required by Chestnut Hill for teacher certification. Students in this major are encouraged to arrange for an appointment at Chestnut Hill, upon completion of thirty semester credit hours of collegiate study. 248-7000.

**ELECTRONIC PHYSICS****Department Chair: Robert A. Bartolini, Ph.D.**

Required for General Electronics Option: 20 courses

Required for Computer Electronics Option: 20 courses

General Electronics

- Physics 105E, 106E
- Electronic Physics 107E, 212E, 312E, 322E, 342E, 350E, 411E, 420E
- Mathematics 120E, 221E, 222E, 322E (all fulfilled in Distribution Area 2) and 325E.
- Chemistry 111E (fulfilled in Distribution Area 5)
- Computer Science 155E
- 3 controlled electives chosen from EPH 360E, 365E, 460E; CSC 156E, 257E; MTH 240E, 424E.

Computer Electronics

- Physics 105E, 106E
- Electronics Physics 212E, 312E, 350E, 360E, 365E
- Mathematics 120E, 221E, 222E, 322E (all fulfilled in Distribution Area 2) and 240E.
- Chemistry 111E (fulfilled in Distribution Area 5)
- Computer Science 155E, 156E, 257E, 358E
- 3 controlled electives chosen from EPH 322E, 342E, 420E, 460E; CSC 254E, 357E, 457E; MTH 325E, 424E.

**Physics 105E General Physics—Part 1**

Pre- or Corequisite, MTH 120E

4 credits

Fundamentals of the science. Introduction to mechanics of solids. Topics include: motion in one and two dimensions, particle dynamics, work, energy, linear momentum, collisions, rotational kinematics and dynamics, angular momentum, equilibrium of rigid bodies, oscillations, gravitation, waves in elastic media and sound. Usually offered Fall semesters.

**Physics 106E General Physics—Part 2**

Prerequisites, PHY 105E, MTH 120E

4 credits

Introduction to electricity and magnetism. Topics include: charge and matter, the electric field, Gauss' law, electrical potential, capacitors and dielectrics, current and resistance, electromotive force, the magnetic field, Ampere's law, Faraday's law, inductance, magnetic properties of matter, electromagnetic oscillations and electromagnetic waves. Usually offered Spring semesters.

**Elec. Physics 107E General Physics—Part 3**

Prerequisite, PHY 106E, Corequisite, MTH 221E

3 credits

Introduction to fluid mechanics, sound, thermodynamics, kinetic theory, light and quantum physics. Topics include: fluid statics and dynamics, temperature, heat, the laws of thermodynamics, kinetic theory of gases, entropy, the nature, propagation, reflection, refraction, interference, diffraction and polarization of light and quantum physics applied to light and to particles.

**Elec. Physics 200E Transistor and Circuit Analysis for Non-EPH Majors**

Prerequisite, MTH 221E

3 credits

Basics of circuit theory with emphasis on network response to sinusoidal driving function; use of active devices in electronic circuits. Topics include: steady state analysis, impedance, admittance, network theorems, transistor and diode characteristics, circuit models and configurations. Designed for CSC and non-EPH majors; EPH majors may take with permission of Department Chair. Usually offered Fall semesters.

**Elec. Physics 212E Circuit Theory—Part 1**

Prerequisites, EPH 106E, MTH 222E

3 credits

Develops the basics of circuit theory with emphasis on network response to sinusoidal driving functions. Includes state variables, the sinusoidal steady state impedance, admittance, resonance, mesh and node analysis, network theorems and basic filters. Usually offered Spring semesters.

**Elec. Physics 312E Electronic Circuits—Part 1**

Prerequisite, EPH 212E

3 credits

Introduction to the use of active devices in electronic circuits. Topics include: transistor and diode characteristics, circuit models and configurations, biasing and stabilization, amplifiers, rectifiers, signal analysis in the low and mid-frequency regions. Usually offered Spring semesters.

**Elec. Physics 322E Circuit Theory—Part 2**

Prerequisites, EPH 212E, MTH 322E

3 credits

Develops the techniques of network analysis with applications in communication theory. Topics include: complex frequency, Fourier and Laplace transforms, impulse response, convolution, transfer function and general network analysis by Fourier and Laplace transform techniques. Usually offered Fall semesters.

**Elec. Physics 342E Electronic Circuits—Part 2**

Prerequisites, EPH 312E, 322E

3 credits

Continues the study of active devices in electronic circuits. Topics include: feedback amplifiers, oscillators, tuned circuits, high frequency amplifiers, operational amplifiers and power amplifiers. Usually offered Fall semesters.

**Elec. Physics 350E Digital Electronics**

Prerequisite, EPH 200E or Corequisite, EPH 312E

3 credits

Concerns the circuits used in computers and data acquisition systems. Topics include digital gates, logic families, digital system building blocks, combinational and sequential circuits, memory, waveform generators, A/D and D/A converters. Usually offered Spring semesters.

**Elec. Physics 360E Logic Design**

Prerequisite, EPH 350E

3 credits

Non-decimal number system introduced with special emphasis on binary arithmetic. Various codes studied in terms of geometric representations and error detection and correction properties. Boolean algebra presented. Analysis and synthesis of combinatorial logic discussed using Boolean algebra and map techniques for simplification. Analysis and synthesis of sequential logic discussed along with the development of simple digital configurations such as adders, shifters, timing level generators, parity checkers, decoders, etc. A simple discussion of timing problems, rates and delay is presented. State diagrams, transition tables and timing charts are introduced as design aids. Usually offered Fall semesters.

**Elec. Physics 365E Introduction to Microprocessors**

Prerequisite, EPH 350E

4 credits

Reviews fundamentals of coding and digital hardware; discusses architecture, hardware and software in relation to microprocessors. Topics include: Microprocessor architecture (ALU, registers, memory, bus structure, I/O); microprocessor programming (instruction set, program organization, subroutines, interrupts, DMA); peripheral hardware; systems architecture (hardware vs. software trade-offs, expansion techniques). Laboratory work with an actual microprocessor system, culminating in a project in which the student selects an application, then designs and implements a microprocessor system to satisfy the application. Usually offered Fall semesters.

**Elec. Physics 411E Field Theory**

Prerequisites, EPH 322E, MTH 322E, MTH 325E

3 credits

Discusses static and time-varying electromagnetic fields and leads up to wave propagation and radiation. Included are: fields in basic circuit elements and relation of field theory to circuit theory, Maxwell's equations, reflection and refraction of waves, transmission lines and simple wave guides.

**Elec. Physics 420E Communications**

Prerequisite, EPH 322E

3 credits

Basic introduction to communication systems. Topics include: concept of information content and channel capacity, Fourier analysis and transmission through linear systems, sampling theory, digital and analog communication, signal generation, modulation and detection.

**Elec. Physics 460E Microprocessor Interface**

Prerequisite, EPH 365E

4 credits

Use of microprocessors to control external devices. Topics include: input-output (I/O) techniques, port addressing, serial, parallel, IEEE-488 interface and busses, DMA, interrupt, A/D and D/A, motor controls. Usually offered Spring semesters.

**Elec. Physics 480E Independent Study**

3 credits

Open to students who have at least a B average and have approval from the Department Chair. The course work will involve the student in a special off-campus research project under the direction of a faculty member.

## ENGLISH

Department Chair: Marjorie S. Allen, Ph.D.

### • READINESS COURSES

**English 010E Fundamentals of English Composition**

No credit

A review course in grammar and composition intended for those who show by examination that they are not fully prepared for English 101E. Not intended for students for whom English is a second language. Usually offered Fall and Spring semesters.

**English 020E College Reading and Study Skills**

No credit

Concentration on methods of improving reading and study skills. Attention is given to the development of vocabulary, mechanics of good reading habits, the formulation of study habits and schedules, and the strategies of test taking. Usually offered Fall and Spring semesters.

**English 104E Effective Writing**

3 credits

Prerequisite, written approval of Evening Director of Admissions

A course for those who need additional instruction and experience in writing. Although the course focuses primarily on the individual needs of the student, class instruction provides opportunities for emphasis on particular forms and conventions of business and academic writing. Individual conferences.

The English Department offers the courses listed here to fulfill the general education requirements in composition and literature. The Department of Foreign Languages and Literatures also offers courses that may be taken to fulfill the literature requirement.

*Note:* In the academic year 1988/89, Foundation Courses may be used to fulfill General Education Requirements in the Evening Division curriculum in Writing and Literature, in Philosophy, and in Religion.

### FOUNDATION COURSES (Writing and Literature)

**English 101E Writing, 1**

3 credits

Training in exposition; occasional papers in narration. Weekly themes; selected reading to stimulate writing; library familiarization and usage; conferences with Instructor. Usually offered Fall and Spring semesters.



**English 102E Writing, 2**

Prerequisite, ENG 101E

3 credits

Writing assignments based upon readings in literature; library usage; research paper. Weekly themes; conferences with instructor. Usually offered Fall and Spring semesters.

**English 150E The Literary Experience**

3 credits

Reading, analysis, and discussion of the three prominent forms of literary expression—drama, poetry, and prose fiction—with attention to the cultural context of works written from the ancient world to the present. Short critical papers, some requiring use of secondary sources. (Formerly ENG 161E)

**GENERAL EDUCATION COURSES****English 160E Literature and the Sexes**

3 credits

A study of literature as a reflection of the different ways women and men are shaped by their society and of the ways they have related to each other in the private and public spheres. Short critical papers.

**English 162E Concepts of Heroism**

3 credits

A discussion of the hero as a phenomenon that has appeared in various forms in literature from the earliest times to the present. Short critical papers. Usually offered Fall semesters.

**English 164E Works of Major Authors**

3 credits

An introduction to the works of several major figures who, because of their timeless appeal, have continued to attract and excite readers through the centuries. Readings will be drawn from English and American authors. Short critical papers. Usually offered Fall semesters.

**English 166E American Dreams, American Nightmares**

3 credits

A study of the literary expression of the pioneer “dreams” of progress and freedom, and the “nightmares” they became in the face of war, poverty, discrimination, and the industrial and technological revolutions. Short critical papers. Usually offered Spring semesters.

Required for Major in English: 15 courses

- English 103E, 201E, 202E, 221E, 222E, 225E or 325E
- One controlled elective from each of the following groups:
  - English 210E, 301E or 302E
  - English 311E or 328E
  - English 312E or 313E
  - English 340E or 343E
- Two electives in period courses chosen from English 322E, 323E, 327E, 329E, 330E or 332E
- Three controlled electives in literature

**English 103E Introduction to Fiction**

3 credits

Reading, analysis and discussion of short fiction.

**English 201E Introduction to Poetry**

3 credits

A study of the uses of language in English poetry—meter, metaphor, symbol and other linguistic features—and of the major conventional forms of English poetry.

**English 202E Introduction to Drama**

3 credits

A survey of the development of the dramatic arts of comedy and tragedy from the ritual drama of Greece to the realism and naturalism of the 20th century.

**English 204E Women and Literature**

3 credits

An examination of the ways in which women have been represented in British and American literature, exploring the cultural and historical origins of those representations.

**English 205E Writing, 4**

Prerequisite, ENG 102E

3 credits

An exploratory course that permits students to discover and develop talent in various kinds of writing: essays, articles and reviews. Attention to a writer's methods and resources.



<b>English 207E Creative Writing, 1</b> Workshop in writing and evaluation of original fiction and verse.	3 credits
<b>English 208E Writing for Business</b> Prerequisite, ENG 102E Instruction in planning and executing effective business writing. Students learn to write the documents required of them as professionals: letters, resumes, memo proposals, abstracts and reports.	3 credits
<b>English 210E Language and Prejudice</b> A study of how language affects the way we view ourselves and others in our culture. Case studies of language in relation to sexism, racism and politics, supplemented by introductory concepts of language systems and stylistic analysis.	3 credits
<b>English 221E Literature of England—Part 1</b> A study of the literary movements and forms from the Old English period to the decline of Neoclassicism, with concentration on representative authors and works.	3 credits
<b>English 222E Literature of England—Part 2</b> A continuation of English 221E, beginning with the Pre-Romantics and extending through the Edwardians.	3 credits
<b>English 225E Shakespeare's Art and Times</b> Readings in Shakespeare's plays, emphasizing his success as a writer for the stage with some consideration of the cultural background.	3 credits
<b>English 254E Oral Communication</b> Speech composition, audience psychology and techniques of delivery; emphasis on practical speaking experience. Usually offered Fall and Spring semesters.	3 credits
<b>English 301E History of the English Language</b> Origins and development of modern English from Old and Middle English; dialects and dialect geography. May be used to meet a linguistic requirement.	3 credits
<b>English 302E Introduction to Linguistics</b> Modern theories about the nature of language and new techniques for grammatical analysis. An attempt is made to apply the principles of linguistics to the teachings of English and of foreign languages.	3 credits
<b>English 305E Creative Writing, 2</b> A continuation of English 207E. Offered in response to student interest.	3 credits
<b>English 306E Creative Writing, 3</b> A continuation of English 207E or 305E. Offered in response to student interest.	3 credits
<b>English 311E The Contemporary British and American Novel</b> A study of the major novelists of the present century in England and America; structure and trends.	3 credits
<b>English 312E Readings in Modern Drama</b> A study of selected plays of the modern theatre with an emphasis on the forces which have shaped the drama of England, Ireland and America.	3 credits
<b>English 313E Contemporary Poetry</b> An examination of representative 20th century poetic practice in English.	3 credits
<b>English 322E Chaucer and His World</b> Readings in <i>The Canterbury Tales</i> ; selected short readings from medieval drama, romance and allegory.	3 credits
<b>English 323E Renaissance Literature</b> The intellectual, political, religious and scientific ferment that accompanied the birth of Humanism and the death of the Medieval order as expressed in the works of representative writers.	3 credits
<b>English 325E Shakespeare</b> Intensive study of selected poems and plays, including tragedies, comedies and chronicles, exploring the dramatic, literary and historical dimensions of his art.	3 credits
<b>English 327E Restoration and 18th Century Literature</b> A consideration of the literary theories of the Neoclassical periods and study of the works of representative writers.	3 credits

- English 328E Roots of Modern Fiction: The Novel to 1900** 3 credits  
Historical development of the genre, Defoe to Hardy. Analysis of structure and themes.
- English 329E English Literature of the Romantic Period** 3 credits  
A historical survey of Coleridge, Wordsworth, Byron, Shelley, Keats and their contemporaries.
- English 330E English Literature of the Victorian Period** 3 credits  
The chief literary figures of the period—Tennyson, Arnold, Browning, Hopkins, Carlyle, Newman, Ruskin—and their contemporaries placed against their milieu.
- English 332E Modern British Literature** 3 credits  
Drama, fiction and poetry, beginning with Shaw and Yeats and covering the major figures up to the present, with some attention to the cultural, social and artistic influence which shaped this literature.
- English 340E Major American Authors** 3 credits  
Romantic Movement, Rise of Realism and Naturalism. Representative readings in those movements and in all forms except drama. (Formerly, American Literature: 19th Century)
- English 343E American Literature: 20th Century** 3 credits  
Survey of developments in poetry, fiction and criticism, including representative works of such writers as Hemingway, Fitzgerald, Faulkner, Frost, Eliot, Steinbeck and selected representatives from the 1950's to the present.
- English 401E Literary Theory and Criticism** 3 credits  
An introduction to theories of literary structure and literary value; exercises in the description and evaluation of literary works; reports on assigned readings.
- English Special Topics** 3 credits  
Special studies on a particular literary topic. The subject matter will vary from term to term. Offered in response to student interest.

## **FINANCE**

**Department Chair: Les Barenbaum, Ph.D.**

The Professional Option in Finance consists of four courses beyond the introductory courses:

- FIN 304E, 306E
- Two advanced FIN courses from among the following: FIN 313E, 314E, 401E, 402E, 403E, 407E, 420E

**Finance 120E Personal Finance** 3 credits  
For non-Business majors only, a review of critical aspects of personal financial management; methods of payment, savings, insurance, borrowing and retirement.

**Finance 300E Fundamentals of Financial Management** 3 credits  
Prerequisites, ACC 102, MTH 112, QNT 213, junior standing.  
An introduction to the major concepts and techniques of financial management with an emphasis on time value of money, risk analysis, capital budgeting, financial statement analysis, financial forecasting, and short-term financial management.

**Finance 303E Introduction to Financial Markets and Institutions** 3 credits  
Prerequisite, junior standing  
An introduction to the basics of institutional finance. Financial instruments are generated and traded by participants in financial markets with financial intermediaries facilitating the process. In this course the concepts, terminology and current practices in each of these three areas as well as the impact that they have on the economy are examined. (Formerly FIN 201E)

**Finance 304E Intermediate Corporation Finance** 3 credits  
Prerequisite, FIN 300E  
A continuation of Finance 300. Application of analytical tools and concepts to the business decision process. Case studies, a computer based financial simulation game, and outside readings are used to bridge the gap between theory and practice.

**Finance 306E Financial Markets and Instruments** 3 credits  
Prerequisite, FIN 303E  
Analysis of the flow of funds in U.S. financial markets, monetary policy, interest rate determination and the characteristics of money, capital markets and instruments.

**Finance 313E Pension Planning**

Prerequisites, RMI 301E or 302E and FIN 300E

3 credits

An examination of private pension plans, including historical background, regulatory environment, benefits and costs. Topics include: costs computation methods, benefits formulae, inflation impact, plan membership profile, accounting and tax considerations, and management of fund assets, including portfolio considerations. Profit sharing plans and individual retirement plans also covered. (Identical to RMI 313E)

**Finance 314E Risk Management**

Prerequisites, RMI 301 and QNT 213 (or equivalent)

3 credits

Designed to acquaint the student with the nature of risk management and the roll of the risk manager in business or governmental organizations. Emphasis on risk analysis and control functions: recognition, measurement and treatment. Historical and forecast financial statements are scrutinized for the purpose of risk identification. (Identical to RMI 314E)

**Finance 401E Investment Analysis**

Prerequisite, FIN 306E

3 credits

Analytical techniques are used to investigate market efficiency and portfolio selection. Analysis of the bond and stock markets is conducted.

**Finance 402E Speculative Markets and Portfolio Analysis**

Prerequisite, FIN 306E

3 credits

The study of strategies involving the analysis and management of capital market securities, futures and options.

**Finance 403E International Finance (same as MKT 403E)**

Prerequisites, MKT 300E, FIN 303E

3 credits

The study of multinational business practice, direct foreign investment, and managerial challenges in operating abroad. Foreign exchange markets and exchange determination; international banking and balance of payment issues.

**Finance 407E Working Capital Management**

Prerequisite, junior standing

3 credits

An in-depth study of 1) accounts receivable management, including the organization and management of a credit department, 2) inventory management, 3) liquidity management and the efficient use of cash.

**Finance 420E Financial Management of the Insurance Firm**

Prerequisites, RMI 301E or 302E and FIN 300E

3 credits

Same as Risk Management and Insurance 420E

A functional course emphasizing the interrelationships among underwriting, investment, regulation and other aspects of insurance company and insurance agency operations. Dynamic computer models of a property-liability insurer and a life insurer are used to demonstrate effective financial management of the insurance firm.

## **FOREIGN LANGUAGES AND LITERATURES**

**Department Chair: Bernhardt G. Blumenthal, Ph.D.**

The Department of Foreign Languages and Literatures offers the courses listed here to fulfill the general education requirement in literature. The English Department also offers courses that may be taken to fulfill the general education requirement in literature.

*Note:* In the academic year 1988/89, Foundation Courses may be used to fulfill General Education Requirements in the Evening Division curriculum in Writing and Literature, in Philosophy, and in Religion.

## FOUNDATION COURSE

### Literature 150E Modern European and Latin American

#### Writers

3 credits

An examination of modern French, German, Hispanic, Italian and Russian literatures in English translation. A study of attempts by representative men and women to comprehend their times and their cultures and to provide literary expression to their understandings of modern life. Selected works of prose, poetry and drama. Short critical papers.

## GENERAL EDUCATION COURSES

### CLASSICS

#### Classics 161E Greek Classics in English

3 credits

The literary history of Greece; significant Greek classics read and discussed. Knowledge of Greek not required. Texts in English. Short critical papers. Fall semesters.

#### Classics 162E Latin Classics in English

3 credits

The literary history of Rome and the influence of Latin literature on western thought, including its indebtedness to the literature of Greece. Significant Latin classics read and discussed. Knowledge of Latin not required. Texts in English. Short critical papers. Spring semesters.

### FRENCH

#### French 161E Ideals and Ironies: Modern French Literature in English

3 credits

The rise of modernism as seen through some of the major works of the 19th Century French literature: Stendhal, Flaubert, Nerval, Baudelaire, Rimbaud, Mallarme, Huysmans and Jarry. Texts in English. Short critical papers.

#### French 162E Revolt and Revolution: Contemporary French Literature in English

3 credits

A study of the attempt to deal with despair and inauthenticity in France during the 20th Century as seen in some of the major works of the period: Apollinaire, Gide, Breton, Sartre, Beckett, Ionesco, Robbe-Grillet and Michaux. Texts in English. Short critical papers.

### GERMAN

#### German 161E The German Mind: Modern Literature in English

3 credits

Selected works of prominent German writers of the Classical and Romantic ages. A composite view of the German mind of the 18th and 19th centuries. Readings from Goethe, Schiller, Kleist, Heine, and Keller. Texts in English. Short critical papers.

#### German 162E The German Dilemma: Contemporary German Literature in English

3 credits

Selected works of prominent German writers of the 20th century. A study of the authors' attempts to restore values to life and their search for authenticity. Readings from: Mann, Kafka, Rilke, Brecht and Grass. Texts in English. Short critical papers.

### SPANISH

#### Spanish 161E Reality Vs. Illusion: Hispanic Literature in English

3 credits

Varying facets of a persistent theme of human existence evolve in readings from *Lazarillo*, and *Don Quixote*, and selections by Calderon, Cortazar, Borges and Cela. Text in English. Short critical papers.



### **Spanish 162E Life and Death: Hispanic Literature in English**

3 credits

A persistent theme of existentialism is revealed in *Celestina* and selections by Unamuno, Lorca, Ortega, Fuentes and Neruda. Texts in English. Short critical papers.

## **FRENCH**

### **French 101E-102E Elementary French**

3-6 credits

Familiarizes the student with basic rules governing French grammar and phonetics and provides practice in comprehending, speaking, reading and writing the language.

### **French 201E-202E Intermediate French**

3-6 credits

Review exercises in comprehending, speaking, reading and writing French. Cultural information on France.

## **GERMAN**

### **German 101E-102E Elementary German**

3-6 credits

Familiarizes the student with the basic rules governing German grammar and phonetics and provides practice in comprehending, speaking, reading and writing the language.

### **German 201E-202E Intermediate German**

3-6 credits

Review exercises in comprehending, speaking, reading and writing German. Cultural information on German-speaking countries.

## **SPANISH**

### **Spanish 101E-102E Elementary Spanish**

3-6 credits

Familiarizes the student with the basic rules governing Spanish grammar and phonetics and provides practice in comprehending, speaking, reading and writing the language.

### **Spanish 201E-202E Intermediate Spanish**

3-6 credits

Review exercises in comprehending, speaking, reading and writing Spanish. Cultural information on Spanish-speaking countries.

### **Spanish 301E-302E Advanced Conversation and Composition**

3-6 credits

Intensive oral and written exercises with a view towards improving the student's speaking and writing skills. Students make frequent use of audio aids.

## **FRENCH**

Course listings under Foreign Languages and Literatures Department.

## **GEOLOGY**

**Department Chair: Henry A. Bart, Ph.D.**

*Note:* In the Academic year 1988/89, Foundation Courses in Biology, Chemistry, Geology, History, Political Science, Psychology, and Sociology may be used to fulfill Distribution Requirements or as electives in the Evening Division Curriculum.

## **FOUNDATION COURSES**

### **Geology 151E Planet Earth**

3 credits

An introduction to the physical processes that interact to change the interior and the surface of the earth, including weathering, earthquakes, volcanoes, glaciation, marine erosion, "Continental Drift," and mountain building. Two hours lecture, two hours laboratory and field trip.

**Geology 152E Earth History**

3 credits

An introduction to the physical and biological processes that have modified the earth through geologic time. Emphasis will be on earth changes through geologic time, and the evolution of life from simple cells to the higher vertebrates. Laboratory experience will include study of fossils, and basic geologic principles. Two hours lecture, two hours laboratory, and field trip.

**Geology 153E Oceanography**

3 credits

A study of the physical processes that affect the oceans of the earth. Emphasis will be on tides, currents, waves, chemistry of the sea, and geology of ocean basins. Three hours lecture.

**Geology 154E Astronomy**

3 credits

A contemporary view of the universe from the big bang to its possible ends, our sun and its planets, galaxies, the life and death of stars, white dwarfs, neutron stars, quasars, black holes, life on earth, and the possibility of extraterrestrial intelligence.

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**GERMAN**

Course listings under Foreign Languages and Literatures Department.

**HEALTH CARE ADMINISTRATION CONCENTRATION**

**Coordinator: Anne Walsh, M.B.A., M.S.W.**

Required for Financial Management Option:

6 courses

- HCA 370E, 371E, 374E, 475E, 480E
- One course from Business Core or approved list.\*

Required for Generalist Option:

6 courses

- HCA 370E, 371E, 472E, 473E
- Two courses from Business Core or approved list.\*

\*Approved list: PHL 223E, REL 323E, SOC 309E, RMI 311E

**HCA 370E Introduction to Health Care Organization and Management**

Prerequisite, junior standing

3 credits

Analyzes the organization and administration of the health care system in relation to regulatory, technological, and financial variables affecting their operation. Managerial tasks of planning, controlling, motivating, and organizing applied to the management of health care institutions.

**HCA 371E Legal Aspects of Health Care Delivery**

Prerequisite, junior standing

3 credits

Provides a fundamental orientation to the field of health care law with specific emphasis upon the duties, authority, and personal liability of the administrator in relation to the governing board, staff, and patients. Legislation and current regulations affecting the administration and delivery of services in health care institutions examined in conjunction with the legal and ethical rights of patients.

**HCA 374E Health Care Accounting**

Prerequisites: ACC 101E, 102E and junior standing

3 credits

Methods for identifying, controlling, and evaluating accounting data for use in health care administration. Comparison of health care accounting and accounting for industrial entities. Contribution margin analysis, budgeting, cost accumulation techniques, and variance analysis.

**HCA 472E Health Care Planning and Policy Analysis I**

Prerequisite: HCA 370E

3 credits

Comparative analysis of international health care policies with specific emphasis upon the socio-economic, political, and epidemiological variables influencing health care policy in the U.S. Planning methodologies examined from the perspective of area-wide planners in relation to their impact upon the evaluation of current health care policy in the U.S. Forecasting techniques to project regional and community need for specialized, ambulatory, in-patient, and long-term care services are examined within a systems perspective.

## **HCA 473E Health Care Planning and Policy Analysis II**

Prerequisite: HCA 472E

3 credits

Systems analysis of the various organizational factors influencing institutional policy formulation and managerial decision-making. Roles and relationship of the governing board, medical/professional/non-professional staff and administrator discussed in relation to their impact upon institutional policies. Practicum experience and seminar are integral components of this course.

## **HCA 475E Financial Management of Health Care Institutions**

Prerequisites: FIN 300E, 303E; HCA 370E, 374E

3 credits

Analyzes the financial environment of health care institutions. Sources of revenue such as BC/BS, Medicare/Medicaid, examined in relation to current operating costs. Alternate methods of financing capital investment (community facilities grants/hospital authority bonds) explored in conjunction with capital expenditure controls such as certificate of need and 1122 requirements. Hospital accounting principles, management reporting systems, benefit analysis, and evaluation applied in the analysis of these topics.

## **HCA 480E Seminar in Health Care Financial Management**

Prerequisite: HCA 475E

3 credits

Theoretical principles of health care financial management applied in a supervised practicum in a health care institution. Selected topics related to health care financial management are examined and practicum experience is required in the seminar component.

## **HISTORY**

**Department Chair: Theopolis Fair, Ph.D.**

*Note:* In the Academic year 1988/89, Foundation Courses in Biology, Chemistry, Geology, History, Political Science, Psychology, and Sociology may be used to fulfill Distribution Requirements or as electives in the Evening Division Curriculum.

## **FOUNDATION COURSE**

### **History 150E Global History**

3 credits

Through a study of the evolution and interactions of the cultures of Europe, America, Africa, and Asia from 1500 to the present, students will develop a greater understanding of the relationships among modern nations, so necessary in today's shrinking globe.

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Required for Major in History: 14 courses

- Section I—Foundation Courses
- Section II—Chronological Surveys
- Section III—Topics Courses
- Section IV—National Courses
- Section V—Seminars

The History Major should take three courses from each of Sections I-IV and two seminars from Section V. Exceptions must be approved by Department Chair.

### **SECTION I:**

#### **Introductory Courses**

Designed to provide a broad overview of the past.

### **History 111E History of Western Civilization to 1500**

3 credits

A survey of cultural achievements of ancient civilizations of the Mediterranean Basin, as well as of medieval Europe, which became part of the heritage of Western or European Civilization. Usually offered Fall semesters.

### **History 112E History of Western Civilization Since 1500**

3 credits

A survey of European History from Renaissance to modern times. Development of national states and other modern institutions in Europe discussed. Socio-economic changes within the European society considered as a background. Usually offered Spring semesters.

**History 113E An Introduction to the Afro-Asian Worlds, 1** 3 credits

An examination of the social, economic, political and cultural institution of Asia, the Moslem world, tropical Africa and South Africa.

**History 114E An Introduction to the Afro-Asian Worlds, 2** 3 credits

A continuation of History 113E.

**History 115E History of the United States to 1865** 3 credits

A survey of the American people from colonial days to the Civil War. Usually offered Fall semesters.

**History 116E History of the United States Since 1865** 3 credits

A survey of the American people with particular emphasis upon industrialization, social change and the growth of the nation as a world power. Usually offered Spring semesters.

## SECTION II:

### Chronological Surveys

Designed to provide a detailed examination of a more limited historical period.

**History 231E Latin-America: The Colonial Period** 3 credits

A survey of the Inca, Aztec and Maya cultures, the African influences, and the Spanish and Portuguese contributions to the development of Latin America. (Formerly HIS 131E)

**History 232E Revolution and Social Change in Latin-America** 3 credits

A survey of Revolutionary movements in Latin America from Independence to the present with special emphasis on Zapata, Vargas and Peron, Castro, Allende, the Sandanistas, and the military dictators. (Formerly HIS 132E)

**History 235E Ancient Egypt and Greece** 3 credits

A survey of the developments of Greek civilization until the death of Alexander the Great. (Formerly HIS 135E)

**History 236E The Hellenistic and Roman Worlds** 3 credits

A survey of the Roman Republic and the Empire until 476 A.D. (Formerly HIS 136E)

**History 238E The Early Middle Ages** 3 credits

A survey of the period from 284 A.D. until c. 1000 A.D., emphasizing the syntheses of Roman, Christian and barbarian cultures. (Formerly HIS 138E)

**History 239E The Later Middle Ages** 3 credits

A survey of the period from c. 1000 A.D. until the Renaissance, focusing on the social, economic, intellectual and political revival of Europe. (Formerly HIS 139E)

**History 241E Modern Europe to 1870: The Age of Revolutions** 3 credits

A survey of Europe centered on the political and social development in Germany and France and the impact of Russia's rise to world power. (Formerly HIS 141E)

**History 242E Modern Europe Since 1870: The Age of Violence** 3 credits

A detailed survey of Europe in the last hundred years. (Formerly HIS 142E)

**History 244E Topics in African History** 3 credits

An account of the empires, tribes and states of Africa before European colonialism, nation building and current developments. (Formerly HIS 144E)

**History 246E East Asia in the Modern World** 3 credits

An examination of changes in Modern Asia as a result of the rise of industrialism, urbanism, nationalism and western influence. (Formerly HIS 146E)

**History 248E Slavic and Eastern European History** 3 credits

A study of the rise of Slavic civilization and the present problems of Eastern Europe. (Formerly HIS 148E)

## SECTION III:

### Topics Courses

Special in-depth analysis of limited themes and topics.

**History 224E History of Philadelphia** 3 credits

The historical development of Philadelphia from colonial times to the present, emphasizing the way people lived, the impact of transportation upon city growth, and the changing nature of industrialization. Lectures combined with field trips. Cost of field trips requires an additional fee.



**History 225E Imperialism in the Modern World** 3 credits

A study of the expansion of the western nations into the world of Asia and Africa in the 19th century and the contraction of western influence in these areas in the 20th century.

**History 228E Women and History** 3 credits

From myth to Ms. An introduction to the study of the idea and the ideal of woman and her role in history.

**History 229E The American Woman** 3 credits

A survey of the role of women in American culture from Colonial times to the present. Among the topics to be discussed are women on the frontier, women and the law, and the struggle for suffrage.

**History 231E America's Military Past** 3 credits

The impact of the American military establishment upon American society, and the formation of defense strategy and foreign policy.

**History 233E The American Immigrant** 3 credits

The history of immigration to America and the ethnic impact upon American institutions.

**History 237E The Black Experience in America** 3 credits

The main themes in black history from the African experience to the present with special attention given to slavery, protest movements, civil rights and black achievement.

**History 240E Topics in Modern History** 3 credits

An examination of selected topics illustrating the political, social and cultural history of the modern world.

**History 242E History of the Western Movement in America** 3 credits

A study of the American frontier emphasizing pioneer life, federal Indian policy and the settlement of the Great Plains and Far West.

**History 244E Biographical History** 3 credits

Investigates important historical events through the role of individual men and women in history.

**History 247E Presidential Politics: Roosevelt to Reagan** 3 credits

Historical analysis of presidential campaigns from 1900 to 1980, stressing the evolution of political techniques, issues, political parties and presidential personalities.

**History 249E Directed Readings** 3 credits

Readings of basic books relating to a specific historical topic, theme, or era; assignments discussed in seminar-tutorial fashion.

**SECTION IV:**

**National Courses**

A detailed examination of specific eras in national histories. May be taken for distribution with the approval of the Department Chair.

**History 302E The American Revolution** 3 credits

An intensive analysis of concepts and movements generated in the American colonies which resulted in revolution and separation of the British settlements.

**History 313E Jeffersonian-Jacksonian Democracy** 3 credits

A detailed analysis of the development of the American political system in an increasingly democratic society.

**History 315E The Civil War Era** 3 credits

A detailed study of the disruption of the Union, stressing the causes, personalities and human drama of the military events leading to Appomattox.

**History 325E America as a World Power, 1939-1979** 3 credits

The growth of government involvement at home and abroad since 1939; reading and analysis of original documents.

**History 329E The Emergence of Modern America, 1877-1913** 3 credits

The nationalization of American life, including the building of the railroad network, the rise of industry, the labor movement, immigration and urbanization.

**History 340E Modern Ireland** 3 credits

An examination of the major political, social and economic developments in Ireland since the Famine of 1845.

- History 347E The United States and East Asia** 3 credits  
The interrelationship of the United States and the East Asian world in the modern period.
- History 352E Revolutionary Russia from 1917 to the Present** 3 credits  
An examination of internal conflicts leading to the Revolution and its aftermath.
- History 358E Recent Britain: Empire to Welfare State** 3 credits  
A detailed analysis of the decay of the Empire, the rise of the welfare state and the impact of both on English life.

#### SECTION V:

#### Seminars

Required of all history majors. These courses are designed to provide the student with an exposure to the methodology of historical research.

- History 480-485 Seminars** 3-6 credits  
Methodological and research courses.

### HUMAN RESOURCE MANAGEMENT

Course listings under Management

## HUMANITIES

**Department Chair: Thomas M. Ridington, M.F.A.**

Required for Major in Humanities: 14 courses

- Art 101E
- Humanities 201E, 202E, 221E, 222E, 223E, 325E, 326E, 377E
- One controlled elective chosen from Music 101E, 110E or 206E.
- Sociology 213E
- Two semesters of a foreign language
- One controlled elective as approved by Department Chair.
- Each Major is requested to develop a minor concentration of six courses in either a traditional department or an area of interest. Four of these six courses should be at or above the 300 level.

- Humanities 100E Readings: The Humanities** 1 credit  
Independent reading of five important books in literature, history and the social sciences. No regular class meetings. Essay examination for Pass-Fail grade. Usually offered Fall semesters.

- Humanities 131E Readings in Urban America** 3 credits  
Independent study course comprising readings in history, literature and social sciences dealing with the theme of Urban America. Three regular class meetings. Monthly discussion groups and a final paper aid students in perceiving interdisciplinary relationships. Team-taught. Pass-Fail grade only.

- Humanities 132E Readings: Ethnicity in American Life** 3 credits  
Independent study course dealing with the theme of Ethnicity in American Life. Monthly discussion groups and a final paper. Team-taught. Pass-Fail grade only.

- Humanities 201E Introduction to Science, 1** 3 credits  
Focuses upon the development of the classical world picture. Implications of science for society are stressed. No background in science or mathematics is assumed. Terminal course not intended for science majors. Usually offered Fall semesters.

- Humanities 202E Introduction to Science, 2** 3 credits  
Focus on Time in the natural world: biological evolution theory and the history of the universe. Does not assume background in science or mathematics or Humanities 201E. Terminal course not intended for science majors. Usually offered Spring semesters.

- Humanities 221E The Ancient World** 3 credits  
Influence of the ancient Near East upon Greek thought. Readings and discussion focusing upon the rise of the city-state and the formation of Greek culture from Homer to Aristotle. Attention to the discovery of the individual mind, the rise of tragedy and the tension between myth and philosophy in ancient society. Cross-disciplinary readings.

**Humanities 222E The Medieval Mind**

3 credits

An examination of the sources of Medieval culture from the collapse of the Roman Empire to the Renaissance. Includes the search for order and authority in the Church and State, the rise of the universities, the questioning of nature and the growth of vernacular culture. Emphasis upon connections and tensions in the syntheses of pagan and Christian cultures. Cross-disciplinary readings.

**Humanities 223E The Renaissance Vision: The Roots of Modern Society**

3 credits

An investigation of the transformation of a God-centered Medieval consciousness into a new sense of human potential and individual achievement, as reflected in the new freedom in the arts, the secularizing of politics, and the dedication of learning to the elevation of both the individual and society. Cross-disciplinary readings.

**Humanities 325E Birthright for the Modern World**

3 credits

An exploration of the intellectual and moral crisis from Descartes to Nietzsche prompted by the rise of scientism and the loss of absolutes in theology and metaphysics in early modern Europe. Focus upon the paradoxical belief in science, reason and progress in an age of subjectivity and secularism. Cross-disciplinary readings.

**Humanities 326E From Revolution to Depression**

3 credits

An investigation of social contract theory and the pre-industrial roots of liberalism. An exploration of bourgeois culture as it emerges from the rise of nationalism and the Industrial Revolution. Attention to the spirit of revolution and the various critics of middle class culture from Rousseau and Dickens to Marx. Cross-disciplinary readings.

**Humanities 377E Our Modern World**

3 credits

An analysis of the Twentieth Century's efforts to affirm human dignity while confronting the growth of alienation, the loss of values and the threat of dehumanization in the arts, education and society. Attention to the search for alternatives from Thoreau to Skinner. Cross-disciplinary readings.

**LAW****Department Chair: Arthur R. Shuman, Jr., J.D.****Law 201E Law of Contracts**

3 credits

Introduces the students to the more common rules and principles governing business transactions; the rights and duties of individuals resulting from contractual and quasi-contractual obligations.

**Law 202E Legal Environment of Business**

3 credits

A study of the politico-legal framework within which business operates. The nature, formation and application of law to business; the historical development and present constraints upon decision making; the interface of business and its legal settings. Legal procedure, judicial, legislative and administrative law considered in perspective. Usually offered Fall and Spring semesters.

**Law 301E Law of Agency, Partnerships and Corporations**

3 credits

Prerequisite, junior standing

Common and statute laws relating to the creation, operation and termination of agencies, partnerships and corporations. Emphasis on the Common Law of Agency and the Business Corporation Law of Pennsylvania. Usually offered Fall semesters—even years.

**Law 302E Law of Sales and Sales Financing**

3 credits

Prerequisite, junior standing

Common and statute laws relating to the sale, purchase, transfer and bailment of personal property. Emphasis on the Uniform Commercial Code relative to sales, sales financing and secured transactions. Includes the legal relationship of bailor and bailee, shippers and common carriers.

**Law 402E Law of Negotiable Instruments**

3 credits

Prerequisite, junior standing

Application of the common law and the Uniform Commercial Code to checks, promissory notes and bills of exchange. The use of commercial paper in security transactions and in the creation of credit. The laws of principal and surety, and insurer and insured as related to the use of commercial paper. Usually offered Spring semesters—odd years.



## MANAGEMENT

Department Chair: Steven I. Meisel, Ph.D.

The Professional Option in Management consists of four of the following courses beyond the introductory courses:

### Operations Management

- Management 304E or 305E
- Management 404E or 480E
- Management Information Systems 302E
- Quantitative Analysis 302E

### Organizational Behavior

• 3 of the following: Management 303E, 306E, 350E, 381E, Human Resource Management 300E, 307E.

- 1 of the following: Management 404E or 480E

### Human Resource Management (Formerly, Personnel/Labor Relations)

- Human Resource Management 300E; 301E; 401E
- Choose one: HMR 303E; 304E; 307E

### Management 100E Readings in Management

1 credit

Independent readings of set list of important works. One class meeting. Paper submitted for Pass-Fail grade. Usually offered Spring semesters.

### Management 300E Operations Management

Prerequisites, MTH 112E, ECN/QNT 213E and junior standing

3 credits

Basic concepts of production/operations management including standardization of product/services, the distinction between product-oriented and process-oriented production systems, and the principles of planning, organizing and control for operating managers. Topics covered include: forecasting, capacity planning, product mix, plant layout, work methods, inventory theory. Exposure to quantitative techniques such as the break-even model, decision trees, linear programming, exponential smoothing, line balancing, and the economic order quantity model. Use of prepackaged computer programs. Deals with several manufacturing and service industries. Also discusses differences between the U.S. and the Japanese production systems. (Formerly, MGT 302E)

### Management 301E Introduction to Organizational Behavior

Prerequisite, junior standing

3 credits

Business organizations analyzed in an interpersonal setting with emphasis on the importance of work group behavior, individual behavior, supervisor behavior, intergroup behavior and organizational change. Relevant findings of behavioral science examined and related to work and productivity in a modern organization. Case discussions and readings. Usually offered Fall and Spring semesters. (Formerly MGT 201E)

### Management 303E Creative Thinking and Decision Making

Prerequisites, MGT 300E, 301E

3 credits

Methods, principles and techniques of how to think creatively. The use of cases for realistic application of the techniques. Comprehensive reports are required. Usually offered Fall semesters.

### Management 304E Production Planning and Control

Prerequisite, MGT 300E

3 credits

Principles of production and inventory management in manufacturing industries. Major topics include: demand management; production planning; master production scheduling; inventory management; capacity management; materials requirements planning; and production activities control. Management analysis and decision-making techniques such as exponential smoothing, stochastic demand, linear regression and correlation; and various optimization models are applied to system design and operating problems. Manufacturing applications of computer systems are considered throughout.

This course substantially contains the body of knowledge which is tested by the American Production and Inventory Control Society's professional certification program: Certification in Production and Inventory Management (CPIM). Attention will be given to preparation for the certification exam. Not to be taken if you took MGT 305E.



### **Management 305E Planning and Control in Service Industries**

Prerequisite, MGT 300E

3 credits

Selected topics in planning and control, such as inventory control systems, PERT, scheduling, forecasting, queuing theory, system design. Applications in several service institutions like hospitals, airlines, banks, post offices, schools, telephone companies, utilities, etc. Not to be taken if you took MGT 304E. Usually offered Fall semesters—even years.

### **Management 306E Corporate Planning and Management Control**

Prerequisite, MGT 300E

3 credits

Selected topics in operations planning and control including: forecasting, PERT, queuing theory, line balancing and optimal overbooking in a service situation. Concepts such as the distinction between high-contact and low-contact services, services *for* people versus services *to* people, and system focus versus people focus in service design are discussed. Applications to several service industries including hospitals, banks, post-offices, schools, social service agencies, etc., are covered.

### **Management 350E Effective Communications**

Prerequisite, MGT 301E

3 credits

The art of interpersonal communication within the business world. Attention given to listening and empathy, discussion and decision making, confrontation and conflict management, creative goal-setting, individual and company growth. Usually offered Fall and Spring semesters.

### **Management 381E Multinational Management**

Prerequisite, Completion of the Business Core.

3 credits

Study of the conduct of business in foreign countries from a managerial point of view. Topics pertaining to the multinational industrial and commercial activities of American enterprises presented and discussed. The United States involvement and relations with foreign organizations such as OPEC, OCED, and ECM analyzed. United Nations regulations, commitments and protections examined. (Formerly, MGT 481E.)

### **Management 401E Business Policy:**

Prerequisites, Completion of the Business Core and Senior Standing

3 credits

Trains the student in the integration and coordination of the functional areas of business (Marketing, Finance, Production, etc.). Develops the ability to formulate goals and strategies and expands awareness of the role of the general manager. Uses case studies and a management simulation game to present and develop the concepts of corporate strategy. Usually offered Fall semesters.

### **Management 404E Small Business Administration**

Prerequisite, Completion of the Business Core

3 credits

Combines theory and practice in organization, development and management control of a small business through its various stages of growth. Emphasizes constraints that affect small business operation. Utilizes case studies and individual/group research projects. Usually offered Spring semesters.

### **Management 480E Seminar on Management Theory**

Prerequisites, Completion of Business Core and Senior Standing

3 credits

Stimulates the student's thinking in the non-technical aspects of business. The role of power, motivation and control within the organizational structure are the central topics of the research and discussion activity of the seminar. Usually offered Fall and Spring semesters. (Formerly, "Seminar on the Development of Management Skills".)

## **MANAGEMENT INFORMATION SYSTEMS**

The management department coordinates the courses in this area.

### **MIS 221E Management of Automation**

3 credits

Develops the student's ability to understand and effectively utilize management information produced by computers. Three major sections of course: (1) History and development of electronic data processing (EDP); vocabulary and terminology; computer characteristics; trends in EDP technology; programming and system design; (2) selection of hardware configuration and software packages; control of automation projects and economic justification analysis for EDP projects; (3) Design and utilization by management of computer output; management's organizational and technical problems in dealing with Computer and Systems function in a business. Usually offered Spring semester—odd years. (Formerly MGT 221E)

### **MIS 301E Introduction to Information Systems**

Prerequisite, CSC 151E, junior standing

3 credits

Definition and role of an information system in the organization with emphasis on the gross design. Long range planning and control, organizational levels, decision making process and systems planning. Stages in information system design: systems requirements, feasibility study, systems analysis, hardware and software capabilities and implementation.

### **MIS 302E Systems Analysis and Design**

Prerequisite, QNT 215E, junior standing

3 credits

Managing the system development process. Detailed coverage of the principles and procedures for the design, implementation and evaluation of information systems. User requirements, performance specification, data collection, input and output design, application programming and testing, implementation planning, training, systems maintenance.

## **HUMAN RESOURCE MANAGEMENT**

**(Formerly, Personnel and Labor Relations)**

The management department coordinates the courses in this area.

Required for Professional Option in Human Resource Management: 4 courses

- Required: HRM 300E, 301E, 401E
- Choose one: HRM 303E, 304E, or 307E

### **Human Resource Management 300E Personnel Administration**

Prerequisite, junior standing

3 credits

Designed to train students to analyze existing human resource programs and to adapt and develop procedures and methods which will ensure effective personnel administration. Job analysis; policy determination and administration; selection, promotion and transfer; E.E.O.; health, safety and OSHA. (Formerly PLR 300E)

### **Human Resource Management 301E Labor Unions—Organization and Administration**

Prerequisite, junior standing

3 credits

Sources of the union movement, its history, structure and function. Development of economics, political and social power; problems involved in the use of this power; management rights; management reaction to unions. (Formerly PLR 301E—Labor Problems in America)

### **Human Resource Management 303E Employment Practices and the Law**

Prerequisite, junior standing

3 credits

Designed to educate future managers as to the options available in dealing with the individual in the work place. Topics: labor law, arbitration; fair employment practices; and health and safety in the work place.

### **Human Resource Management 304E Wage, Salary and Benefit Administration**

Prerequisite, junior standing

3 credits

Study of compensation policies and practices. Emphasis on job evaluation, rate ranges, incentive plans, and benefit programs. Federal and state laws examined. (Formerly PLR 304E)

### **Human Resource Management 307E Human Resource Staffing and Development**

Prerequisite, junior standing

3 credits

The study of employee hiring procedures and the training of personnel in organizations. Examination of recruiting, selecting and interviewing, and orienting new employees. Emphasis on training and career development programs applied to specific employee groups. (Formerly PLR 307E)

### **Human Resource Management 401E Collective Bargaining**

Prerequisite, HRM 300E or 301E

3 credits

External and internal factors influencing the establishment of trade agreements and application of the provisions to day-to-day employer-employee problems. Topics include: functions of collective bargaining, its application in day-to-day operations, its characteristic processes and procedures, and the effect of the law on negotiations and the resulting trade agreement. Topics are explored and analyzed through a study of authentic cases drawn from industry. Outside reading is required. (Formerly PLR 401E). Usually offered Spring semesters.

# MARKETING

Department Chair: Andrew G. Bean, Ph.D.

The Professional Option in Marketing consists of four courses beyond the introductory courses:

- Marketing 301E, 302E, 401E, 402E

## **Marketing 300E Principles of Marketing**

Prerequisite, junior standing

3 credits

An overview of marketing concepts and principles applicable to business and other organizations. Factors influencing the marketing environment and buyer behavior; market segmentation and targeting. Product development, pricing, promotion and distribution to satisfy the needs of selected target markets. Usually offered Fall and Spring semesters. (Formerly MKT 201E)

## **Marketing 301E Personal Selling**

Prerequisite, MKT 300E

3 credits

The importance and practice of individual selling in the economy. Sales personality, the phases of a sales presentation, types of buyers and ethics in sales. Usually offered Spring semesters.

## **Marketing 302E Advertising and Promotional Management**

Prerequisite, MKT 300E

3 credits

Economic and social aspects of promotion, including the important methods and techniques of research which form the basis of any promotional campaign; a practical treatment of advertising copy, layout and media; effectiveness of advertising, advertising departments and the advertising agency. Usually offered Fall semesters.

## **Marketing 303E Sales Management**

Prerequisite, MKT 300E

3 credits

The activities of a sales administrator in directing and controlling a sales force; recruiting, selecting, training, compensating, motivating and supervising sales personnel; establishment of sales territories, quotas and budgets.

## **Marketing 304E Industrial Marketing**

Prerequisite, MKT 300E

3 credits

Products, services and administration related to industrial marketing of capital equipment, technology and commodity items as well as systems. Planning (research sources, analysis, projection) and administration (advertising, promotion, audiences, result measurement) and case study supplemented by conventional lecture and discussion.

## **Marketing 401E Marketing Research**

Prerequisite, MTH 112E, QNT 213E, MKT 300E

3 credits

The use of scientific methods in the solution of specific marketing problems and in the conduct of general market research studies: methods of marketing research, gathering data, tabulation and analysis, interpretation of results and report presentation. Usually offered Spring semesters.

## **Marketing 402E Marketing Management**

Prerequisites, MKT 301E, 302E, 401E, or permission of the instructor

3 credits

Integrates all other Marketing courses. Study of actual business cases employing managerial approach to marketing, emphasis on decision making and the strategies used by the marketing manager in adapting marketing mix to rapidly changing conditions. Usually offered Fall semesters.

## **Marketing 403E International Commerce**

Prerequisites, MKT 300E, FIN 300E

3 credits

The study of multinational business practice, direct foreign investment, and managerial challenges in operating abroad. Foreign exchange markets and exchange determination; international banking and balance of payments issues. (Identical to FIN 403E)

## **Marketing 405E Marketing Channels**

Prerequisite, MKT 300E

3 credits

The marketing approach to physical distribution focusing on transportation, warehousing, channels, physical distribution systems, geography, material handling and planning and their effect on successful marketing.



**MATHEMATICS**  
**APPLIED MATHEMATICS**  
**Department Chair: Edward J. Nolan, Sr., Ph.D.**

Required for Major in Applied Mathematics: 15 courses

- Computer Science 155E
- Mathematics 120E, 221E, 222E, 240E, 322E, 341E, 413E
- 3 controlled electives chosen from MTH 321E, 325E, 424E, 427E
- 2 advanced courses in Mathematics selected in consultation with Department Chair.
- Chemistry 111E, 112E or Physics 105E, 106E (fulfilled in Distribution Area 5)

**Mathematics 101E Intermediate Algebra** 3 credits

Algebraic operations, linear and quadratic equations, exponents and radicals, elementary functions, graphs, systems of linear equations. Note: Not to be taken to fulfill distribution or major requirements in mathematics or science. Students who have other college credits in mathematics must obtain permission of the Department Chair to enroll in this course. Usually offered Fall and Spring semesters.

**Mathematics 103E Mathematics Practicum** 3 credits

This course encompasses math awareness, basic linear and quadratic equations, exponents and radicals, elementary functions, graphs, systems of linear equations. This is a team taught, individually paced, competency course which may take more than one semester to complete. (This course is not to be taken to fulfill distribution or major requirements in mathematics or science.) Entry into the course is determined by placement scores, by the length of time since taking the last formal mathematics course, and by advisor or faculty recommendation. (Formerly, MTH 011E, 021E ... and includes the course content of MTH 101E.)

**Mathematics 105E Algebra and Trigonometry—Part 1** 3 credits

Prerequisite, MTH 103E or successful completion of Mathematics entrance examination for Math, Electronic Physics and Computer Science majors. The topics include an introduction to sets, inequalities, sequences, limits, algebraic structures and complex numbers.

**Mathematics 106E Algebra and Trigonometry—Part 2** 3 credits

Prerequisite, 105E  
This course is a continuation of MTH 105E. Designed to give the student in-depth knowledge of trigonometry and certain transcendental functions in preparation for the calculus sequence. Topics include trigonometric functions, identities, logarithmic and exponential functions, and complex quantities. (Formerly MTH 113E) Usually offered Fall and Spring semesters.

**Mathematics 111E Introduction to Calculus** 3 credits

Prerequisite, MTH 101 or 103 with a grade of "C" or better.  
Fundamentals of differential calculus, concentrating on algebraic, exponential and logarithmic functions with applications of calculus to the management and social sciences. Intended for business and liberal arts majors who have had at least two years of high school algebra. Usually offered Fall and Spring semesters.

**Mathematics 112E Calculus and Finite Mathematics** 3 credits

Prerequisite, MTH 111E with a grade of "C" or better.  
Continuation of Mathematics 111E. Topics include introduction to integral calculus, permutations, combinations, elementary probability and introduction to linear algebra. Usually offered Fall and Spring semesters.

**Mathematics 120E Analytic Geometry and Calculus—Part 1** 4 credits

Prerequisite, MTH 106E with a grade of "C" or better or permission of Department Chair.  
The first of a series of three courses in analytic geometry and calculus in which an integrated treatment is given concepts of analytic geometry; graphs of functions; the derivative with application to curve tracing; maxima and minima; velocity, acceleration and rates; differentials; approximate values and integration. Usually offered Fall and Spring semesters.

**Mathematics 221E Analytic Geometry and Calculus—Part 2** 4 credits

Prerequisite, MTH 120E with a grade of "C" or better.  
Topics considered are the transcendental functions, methods of integration, improper integrals, plane analytic geometry and polar coordinates. Usually offered Fall and Spring semesters.



**Mathematics 222E Analytic Geometry and Calculus—Part 3**

Prerequisite, MTH 221E with a grade of “C” or better.

4 credits

Topics considered are parametric equations; vector functions and their derivatives; partial differentiation and applications; infinite series. Usually offered Spring semesters.

**Mathematics 240E Linear Algebra**

Prerequisite, MTH 120E with a grade of “C” or better.

3 credits

Matrix algebra; determinants; finite dimensional vector spaces; characteristic roots and characteristic vectors; introduction to abstract vector spaces and linear transformations. Usually offered Fall and Spring semesters.

**Mathematics 321E Advanced Calculus**

Prerequisites, MTH 222E, 240E with a grade of “C” or better.

3 credits

Line integral; the differential; continuation of vector calculus, theorems of Green, Gauss and Stokes; multiple integrals; uniform convergence; series of real-valued functions. Usually offered Spring semester—even years.

**Mathematics 322E Ordinary Differential Equations**

Prerequisite, MTH 222E with a grade of “C” or better, or permission of Department Chair.

3 credits

An extended treatment of ordinary differential equations with applications to the physical sciences. Topics are: linear differential equations with constant and variable coefficients; simultaneous equations; series solutions. Usually offered Fall semesters—odd years.

**Mathematics 325E Topics in Applied Mathematics—Part 1****Orthogonal Functions and Boundary Value Problems**

Prerequisite, MTH 322E with a grade of “C” or better.

3 credits

Orthogonal functions, Fourier Series and integrals; Laplace Transforms; boundary value problems; Bessel functions and Legendre polynomials with applications. Usually offered Fall semesters—odd years.

**Mathematics 333E Modern Geometry**

Prerequisite, MTH 341E, or permission of the Instructor.

3 credits

An introduction to Non-Euclidean Geometry. Emphasis is placed on projective geometry. Topics include: axiomatic systems, Harmonic elements, cross ratio, perspectives and the projective theory of conics. Usually offered Fall semester—odd years.

**Mathematics 341E Abstract Algebra**

Prerequisites, MTH 222E, 240E

3 credits

Emphasis is placed upon the axiomatic method; selected topics prepare the student for further work in mathematics and physical science. Topics include number theory, set and group theory, vector spaces and elementary field theory. Usually offered Spring semester—odd years.

**Mathematics 413E Probability and Statistics**

Prerequisites, MTH 222E, 341E

3 credits

Probability and statistics based on set theory. Sample spaces, binomial distribution, correlation, sampling theory, random variables.

**Mathematics 421E Numerical Analysis**

Prerequisite, MTH 322E, or taken concurrently; or permission of the Instructor.

4 credits

Difference methods and polynomial curve fitting; method of least squares; numerical solution of algebraic and transcendental equations; numerical differentiation and integration; numerical solution of ordinary differential equations.

**Mathematics 424E Topics in Applied Mathematics—Part 2 Complex Variables**

Prerequisite, MTH 325E with a grade of “C” or better.

3 credits

Analytic functions; exponential and algebraic functions and their geometry. Cauchy-Goursat Theorem, Taylor and Laurent series, residues and poles, conformal mapping and applications, analytic continuation, inverse transforms by contour integration.

**Mathematics 427E Topics in Applied Mathematics—Part 3**

Prerequisite, MTH 325E, or permission of Department Chair.

3 credits

Special functions of mathematical physics; integral transforms, Laguerre and Hermite polynomials; applications to physical problems. Usually offered Spring semester—even years.

## MILITARY SCIENCE

### LA SALLE UNIVERSITY RESERVE OFFICER TRAINING CORPS (ROTC) PROGRAM

Department Chair: Lt. Col. James H. Dent, M.S., M.A.

Professor of Military Science

**PURPOSE:** The La Salle University ROTC Program is designed to develop and train students in military leadership and management. Qualified full-time students (day or evening) can earn a commission as a second lieutenant in the Active Army, Army Reserve, or Army National Guard while concurrently satisfying the academic requirements for a baccalaureate or graduate degree. The program is divided into two sections; the first two years, called the Basic Course, and the second two called the Advanced Course.

The Basic Course, open to all freshmen, sophomores, and graduate school bound juniors, provides entry level orientation and instruction in general military subjects and leadership, and has for its academic base American Military History and Military Geography. There is no obligation or commitment incurred for participation in the Basic Course.

Advanced Course students receive instruction designed to enhance leadership abilities, reinforce managerial, supervisory and accountability skills and further develop the individual's foundation of military knowledge and personal development. The highlight of this instruction is the student's attendance at the six-week ROTC Advanced Camp at Fort Bragg, North Carolina. This camp period presents the student with a series of rigorous leadership challenges in which the students compete with cadets from 111 other colleges and universities for honors in leadership, land navigation, physical fitness, military skills, marksmanship and overall performance. While attending camp, cadets are paid \$600.00 plus. While enrolled and participating as an Advanced Course cadet, students receive a grant of approximately \$1000.00 per year. Upon satisfactory completion of the Advanced Course, Advanced Camp, and all other ROTC requirements, the student is commissioned as an Army Second Lieutenant.

**PREREQUISITES:** For admission to the Basic Course, a student must be a freshman or sophomore, or be able to demonstrate the ability to enter the Advanced Course upon completion of the Basic Course. Admission of any student recognized as an academic junior must be approved by the Professor of Military Science.

The Advanced Course is open to any qualified full-time graduate or undergraduate student who has at least two years of academic study remaining and has completed the Basic Course or its equivalent. Basic Course equivalency can be granted for prior Active, Reserve, or National Guard military service. Additionally, students can receive this equivalency by attending a six-week ROTC summer Basic Camp at Fort Knox, Kentucky. Following a successful completion of this challenging program, the student is eligible to enter the ROTC Advanced Course. Attendance at the ROTC Basic Camp incurs no military obligation or requirement to enroll in the ROTC Advanced Course. All students must possess a GPA of 2.0 or higher for admittance.

### CURRICULUM:

#### **Military Science 101E Military Science—Year 1, The History of Military Art** 1 credit

The art of war from ancient times to the present. A study of military operations and the evolution of military theory and institutions. One hour leadership laboratory. Usually offered Fall semesters.

#### **Military Science 102E Military Science—Year 1, American Military History** 2 credits

Examines the how and why of American involvement in wars from the Revolution to Vietnam. One hour leadership laboratory. Usually offered Spring semesters.

#### **Military Science 201E Military Science—Year 2, Military Geography** 2 credits

A study of tactical military geography to include a study of map reading and geomorphology. Class discusses and practices the essence of orienteering, land navigation and map reading. One hour leadership laboratory. Usually offered Fall semesters. (Formerly MSC 202E.)

#### **Military Science 202E Military Science—Year 2, Military Geography** (Continued)

1 credit

The estimate of national power and the role of geopolitics examined in the framework of American military operations and the national security structure of the U.S. and formulation of national policy. One hour leadership laboratory. Usually offered Spring semesters. (Formerly MSC 201E.)

**Military Science 301E Advanced Military Science—Year 3, Military Leadership**

Prerequisite, Permission of Department Chair

3 credits

Introductory course examining the principles of leadership. Includes a case study of the junior army leader, one's roles and responsibilities. One hour leadership laboratory mandatory. Usually offered Fall semesters.

**Military Science 302E Advanced Military Science—Year 3, Military Leadership (Continued)**

Prerequisite, Permission of Department Chair

3 credits

Analyzes the role of the leader by examining small unit operations of an infantry platoon. After studying the theory of operations, students are placed in leadership positions and given situations to analyze. One hour leadership laboratory mandatory. Usually offered Spring semesters.

**Military Science 401E Advanced Military Science—Year 4, Principles of Military Management**

Prerequisite, Permission of Department Chair

3 credits

Analyzes the principles of management by use of case studies. Stresses the art of communication for success in management. One hour leadership laboratory mandatory. Usually offered Fall semesters.

**Military Science 402E Advanced Military Science—Year 4, Principles of Military Management (Cont.)**

Prerequisite, Permission of Department Chair

3 credits

Management by the junior officer. Includes command and staff responsibilities and relationships, military law, logistics, maintenance and administration. One hour leadership laboratory mandatory. Usually offered Spring semesters.

## MUSIC

**Music 101E The Art of Listening**

3 credits

Concise introduction to the essential elements of music, focusing on its language, forms, styles and genres. Designed to encourage perceptive and involved listening as well as investigating how music is put together. Ideally suited to the general student as an introductory course.

**Music 110E Jazz**

3 credits

Jazz from New Orleans Dixieland to contemporary innovations. The evolution of jazz styles and forms, including Dixieland, Ragtime, Boogie-Woogie, Swing, Bop, Cool, Funky and some recent jazz-rock trends. Live guest performances in class. No prerequisite; recommended as an introductory course for non-music majors.

**Music 206E The Symphony**

3 credits

Orchestral music from Bach to Stravinsky. A survey of orchestral literature beginning with the orchestral suite and concerto grosso, through Mozart, Beethoven, the romantics and post-romantics. No prerequisite; excellent introductory course for non-music majors.

## NURSING

**Department Chair: Gloria Ferraro Donnelly, R.N., Ph.D., F.A.A.N.**

**MAJOR REQUIREMENTS (49 credits)**

\*Nursing Validation I Posted 10 cr.

\*\*Nursing Validation II Posted 10 cr.

NUR 320E 3 cr.

NUR 330E 6 cr.

NUR 401E 6 cr.

NUR 404E 6 cr.

NUR 406E 4 cr.

NUR 408E 4 cr.

\*ACT-PEP #403 (Fundamentals of Nursing) and #457 (Maternal-Child Nursing)

\*\*ACT-PEP #554 (Adult Nursing) and #503 (Psychiatric/Mental Health Nursing)

*Nursing validation credits must be posted on your La Salle transcript before you register for the first nursing course with a clinical component (NUR 330E).*



### **Nursing 320E Nursing Human Systems: Holistic Orientations**

Prerequisite, Successful Validation of Prior Learning in Nursing

3 credits

A General Systems Theory view of developing human systems, the person and the family presented and contrasted with other models of viewing the person, including current nursing models. Impact of theoretical perspectives on nursing practice explored. Medical model and holistic health orientations in care-giving contrasted. Nursing theory and nursing process viewed from a holistic health orientation.

### **Nursing 330E Nursing Human Systems in Health: Theory and Practice**

Prerequisite, NUR 320E

6 credits

Emphasis given to increasing the theory and skill base of the nurse in health assessment of human systems. Wide range of assessment tools, including the health history, physical assessment techniques and psychosocial assessment tools explored and utilized in a variety of clinical and community settings. Special emphasis on the effective use of assessment data in health maintenance and health promotion interventions. Carries lab fee.

### **Nursing 401E Nursing Human Systems in Stress: Theory and Practice**

Prerequisite, NUR 330E

6 credits

Theories of stress and its effects on individual and family systems presented. Research findings relating stress to disease onset and impaired healing emphasized. Non-invasive, self-care, self-regulation therapeutic modalities explored and practiced as nursing interventions for systems in stress, in a variety of clinical settings. Carries lab fee.

### **Nursing 404E Nursing Human Systems in their Communities: Theory and Practice**

Prerequisite, NUR 401E

6 credits

Emphasis on the analysis of community systems from the perspective of health promotion, restoration and maintenance. Systems Theory used to analyze the health needs and resources of a designated population. Students investigate operating systems and apply the nursing process to a community health system to effect appropriate change. Laboratory component conducted in day hours only. Carries lab fee. (Formerly, "Nursing and Community Systems: Theory and Practice.")

### **Nursing 406E Nursing Issues in Health Care Delivery Systems: Leadership and Change**

Prerequisite, NUR 320E

4 credits

Traditional and emerging care delivery systems in which nurses' practice is analyzed from a General Systems perspective. Comparisons drawn between the nursing system and the structure and process of other professional systems. Issue analysis and change strategies introduced. A reorientation toward professional autonomy and newly emerging nursing roles emphasized. One credit of the four credits is acquired through a guided project relevant to leadership theory and behavior.

### **Nursing 408E Research Seminar in Nursing**

Prerequisite, NUR 330E

4 credits

The research process and its relevance to nursing practice is explored. Students develop a problem for investigation in the form of a research proposal. Students' selected problems are the central foci of the seminar. One credit of the four credits is acquired through independent work on research proposal development.

## **PERSONNEL AND LABOR RELATIONS**

Now—Human Resource Management.

## **PHILOSOPHY**

**Department Chair: Michael J. Kerlin, Ph.D.**

*Note:* In the academic year 1988/89, Foundation Courses may be used to fulfill General Education Requirements in the Evening Division curriculum in Writing and Literature, in Philosophy, and in Religion.

## **FOUNDATION COURSES**

### **Philosophy 151 Concepts of Humanity**

3 credits

A study of the concepts of humanity which underlie and affect thought, values, and actions in personal life and society. (Formerly PHL 161E)



**Philosophy 152 Moral Inquiry and Moral Choice**

3 credits

A study of the major moral theories related to how human beings do and ought to make moral decisions. Applications of these moral frameworks to contemporary moral issues will be an integral part of the course. (Formerly PHL 162E)

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**Philosophy 201E Art and Creativity (Aesthetics)**

3 credits

A consideration of the philosophical basis for making judgments about the art experience. Designed to acquaint the student with the major features and thinkers of the classical, romantic, and modern periods.

**Philosophy 202E Eastern Philosophy**

3 credits

Comparative study of Asian thought with special emphasis on philosophies originating in India and China. Logical, metaphysical, epistemological, ethical and political problems used as a framework for the study.

**Philosophy 206E Social and Political Philosophy**

3 credits

A critical examination of the nature of society through the reading and discussion of primary philosophical texts. Themes include: person and society, the foundation of the political order, human rights and law, justice and society, the natural and the social sciences.

**Philosophy 213E Philosophy of Sports**

3 credits

Philosophical investigation of sports and athletics and their significance as a basic human experience. Topics include sports and the achievement of human excellence; sports as a basis of social and cultural structure; and the analysis of sports in philosophical movements such as Marxism and existentialism.

**Philosophy 222E Love and Human Sexuality**

3 credits

Philosophical exploration of human love and sexuality. Attention given to the connection between the philosophical approach and that of other disciplines. Works by authors such as Plato, Aristotle, Thomas Aquinas, Santayana, Ortega y Gasset and Sartre read.

**Philosophy 223E Perspectives on Death**

3 credits

Various philosophical strategies for coming to terms with human death using both Western and non-Western sources. Philosophical view of death applied to the problems of aging and dying, suicide and euthanasia, mass death, the medical conquest of death and definitions of death. Of particular value for students choosing careers in the health professions.

**Philosophy 264E Critical Thinking**

3 credits

Aims at developing the skill of analyzing, interpreting and criticizing arguments from a variety of disciplines. Topics include: clarification of concepts, distinguishing between conclusions and reasons for conclusions, evaluation of arguments and the recognition of fallacies. Usually offered Fall and Spring semesters. (Formerly PHL 164E)

**Philosophy 267E Philosophical Approaches to God**

3 credits

A study of philosophical positions about the existence and nature of God. Themes discussed include various concepts of God; the possibility of proof for the existence of God; and the philosophical dimensions of the religious experience. (Formerly PHL 167E)

**Philosophy 269E Work and Culture**

3 credits

A philosophical consideration of the relationship between work and other dimensions of human life. Topics include: work and society, work and rationality, work and morality, work and play, work and creativity, work and alienation. Usually offered Fall and Spring semesters. (Formerly PHL 169E)

**Philosophy 303E American Philosophy**

3 credits

Broadly conceived as American intellectual history, the history of ideas that shape the American point of view from the Puritan's errand into the wilderness to the birth of the Great Yankee, from Democracy as the "last, best hope of Earth" to William James' courage to believe. (Formerly PHL 203E)

**Philosophy 305E Philosophy of Communism**

3 credits

An historical and systematic study of the writings of Karl Marx emphasizing the Hegelian origins of his critique of capitalism, the problem of ideology, the Marxian view of social science, and the development of Marxism as theory and practice at the hands of Engels, Lenin, and Stalin. (Formerly PHL 205E)

**Philosophy 310E Existentialism**

3 credits

An approach to contemporary phenomenology and existentialism through philosophers such as Husserl, Heidegger, Sartre, and Merleau-Ponty. Topics include: the phenomenological method, human existence as process, meaning vs. absurdity and the overcoming of alienation. (Formerly PHL 210E)

**Philosophy 313E Reason and Reality**

3 credits

The basic relationships between thought and reality. Themes include skepticism and truth; rationality and selfhood; and knowledge and the various manifestations of existence. Usually offered Fall and Spring semesters. (Formerly PHL 166E)

**Philosophy 323E Philosophy of Science**

3 credits

The impact of scientific revolutions on observations and rationality in science studies through the writings of Kuhn, Feyerabend and others. Critical examinations of such concepts in science as scientific method, induction, verification and falsification.

**Philosophy 325E Symbolic Logic**

3 credits

A study of the following aspects of symbolic logic: truth functional logic, quantificational logic, logic of relations, proofs of adequacy for the systems used, undecidability and incompleteness, the relationship between modern logic and Aristotelian logic.

**Philosophy 350E Business Ethics**

3 credits

Business practices evaluated in the light of ethical principles. Special concern given to moral dimensions of management decision making and to ethical problems of consumerism and government control.

**PHYSICS****Department Chair: Henry A. Bart, Ph.D.****Physics 105E General Physics—Part 1**

Pre-or Corequisite, MTH 120E

4 credits

Fundamentals of science. Introduction to mechanics of solids. Topics include: motion in one and two dimensions, particle dynamics, work, energy, linear momentum, collisions, rotational kinematics and dynamics, angular momentum, equilibrium, of rigid bodies, oscillations, gravitation, waves in elastic media and sound. Usually offered Fall semesters.

**Physics 106E General Physics—Part 2**

Prerequisites, PHY 105E, MTH 120E

4 credits

Introduction to electricity and magnetism. Topics include: charge and matter, the electric field, Gauss' law, electrical potential, capacitors and dielectrics, current and resistance, electromotive force, the magnetic field, Ampere's law, Faraday's law, inductance, magnetic properties of matter, electromagnetic oscillations and electromagnetic waves. Usually offered Spring semesters.

**Physics 120E Science, Technology, and Society**

3 credits

A study of some interactions between science, technology, and society. Topics include: the scientific community; history of technology; weapons; science, technology, and the arts; technology and change.

**Physics 121E Women, Men; Science, Technology**

3 credits

An exploration of gender components in science and technology. Extra-scientific influences on scientific theories; why there are not more female engineers and scientists; how science views male/female differences; use of science to reinforce social attitudes; the political content of technology and how technology impacts differently on men and women.

**POLITICAL SCIENCE/PUBLIC ADMINISTRATION****Department Chair: Kenneth L. Hill, M.A.**

Required for Major in Political Science/Public Administration: 15 courses

- Political Sciences 150E, 222E, 240E, 241E, 243E, 247E, 480E, 481E
- Economics 150E, 201E, 213E
- Accounting 101E, 102E
- Management 301E
- Human Resource Management 300E

*Note:* In the Academic year 1988/89, Foundation Courses in Biology, Chemistry, Geology, History, Political Science, Psychology, and Sociology may be used to fulfill Distribution Requirements or as electives in the Evening Division Curriculum.

## FOUNDATION COURSE

### **Political Science 150E American Federal Government** 3 credits

An examination of the organization and functions of the federal government of the United States; a study of the separation of powers and relations with states. *Required of all political science majors.* (Formerly, POL 102E)

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### **Political Science 104E Western European Politics** 3 credits

Political analysis of the constitutional principles and governmental organizations of England, France and Germany.

### **Political Science 220E International Relations** 3 credits

Analysis of the basic patterns and major factors underlying international politics; consideration given to current international problems.

### **Political Science 222E Survey of Political Thought** 3 credits

Analysis of major political writers from Plato to the present. Emphasizes each author's concept of the state, its function and end, and the solution to the problem of reconciliation of the common good with individual freedom. Required of all Political Science/Public Administration majors.

### **Political Science 230E Political Geography** 3 credits

Surveys the geographic factors influencing the real and potential economic and political development of nations.

### **Political Science 234E The Politics of the Soviet Union** 3 credits

The major elements that determine the nature of Soviet policy, including the role of the Communist Party, the relationship between the party and government, the growth of dissent within the Soviet Union and future prospects for Soviet society.

### **Political Science 240E American State Government** 3 credits

The state as a partner in the federal system; the states' constitutional development; principles underlying state governmental organization, reorganization and functions. Required of all Political Science/Public Administration majors.

### **Political Science 241E Municipal Government** 3 credits

The organizations and functions of government at the municipal level and an analysis of trends and types of municipal governments. Required of all Political Science/Public Administration majors.

### **Political Science 243E American Constitutional Law** 3 credits

Analysis of the development of the Constitution via the interpretations of the Supreme Court. Principal topics are the federal system, judicial review, separation of powers, powers of Congress and the President, the Commerce Clause, and political and civil rights. Required of all Political Science/Public Administration majors.

### **Political Science 247E Bureaucratic Politics and Administration** 3 credits

Analysis of bureaucracy within the national and urban context; internal characteristics and external political relationships with executives and legislatures, including unionization of bureaucratic personnel, budgetary relationships, innovation and the relationships of bureaucracy with clientele groups and the general public. Required of all Political Science/Public Administration majors.

### **Political Science 470E Special Topics** 3 credits

As interests indicate, special courses may be introduced discussing specialized topics of current interest.

### **Political Science 480E Seminar, 1** 3 credits

Study of methods of research and scholarly writing. Directed research and reports on individual assignments. Required of all Political Science/Public Administration majors.

### **Political Science 481E Seminar, 2** 3 credits

Supervised research and writing on major topic. Weekly presentation and group discussion of individual papers. Submission of written thesis. Required of all Political Science/Public Administration majors.



# PSYCHOLOGY

Department Chair: Joseph D. Kovatch, Ph.D.

Required for Major in Psychology: Track 1: 12 courses; Track 2: 13 courses; Track 3: 13 courses  
Track 1—Pre-Graduate

- Psychology 150E, 201E, 210E, 211E, 319E, 320E and four controlled electives in Psychology
- Two controlled electives in Mathematics

Track 2—General Studies

- Psychology 150E, 201E, 206E, 210E, 315E, 340E, 408E and six controlled electives in Psychology.

Track 3—Work Psychology

- Psychology 150E, 201E, 210E, 211E, 306E, 319E, 320E, 360E, 460E, 464E
- Two controlled electives in Mathematics
- Computer Science 151E

*Note:* In the Academic year 1988/89, Foundation Courses in Biology, Chemistry, Geology, History, Political Science, Psychology, and Sociology may be used to fulfill Distribution Requirements or as electives in the Evening Division Curriculum.

## FOUNDATION COURSE

### **Psychology 150E General Psychology**

3 credits

Introduction to the scientific study of human behavior. Emphasis on methods of psychological research and principles and theories developing from this research. (Formerly, PSY 101E.)

N.B. Psychology 150E is a prerequisite for all other psychology courses (with the exception of Psychology 112E and Psychology 210E). With the permission of the Department Chair this prerequisite may be waived.

### **Psychology 112E Personnel Psychology**

3 credits

Introduction to the methods and empirical findings of personnel psychology. The use of psychological techniques practiced in the recruiting, interviewing, testing, selecting and placing of employees. Preliminary training in the use of psychological tests for measuring intelligence, aptitude, interest and personality. Usually offered Fall semesters—odd years.

### **Psychology 201E Advanced General Psychology**

3 credits

For students majoring in psychology and for other students who desire a more intensive coverage of the principles and theories of psychology than is possible in the first course. Usually offered Spring semesters.

### **Psychology 203E Developmental Psychology**

3 credits

A survey of the development of behavior from birth through adulthood. Aspects of physical, intellectual, motor and personality development considered. Deviant developmental patterns discussed. Usually offered Fall semesters.

### **Psychology 206E Personality Dynamics and Adjustment**

3 credits

An analysis of the human system, the dynamics of individual behavior and a consideration of resources necessary for effective living as they are related to a better understanding of personal adjustments in healthy persons developing toward maturity. Usually offered Spring semesters.

### **Psychology 210E Psychological Statistics—Part 1**

Prerequisite, successful completion of one year of college mathematics.

3 credits

An introduction to statistics, emphasizing such descriptive measures as central tendency, variability and correlation. Carries lab fee.

### **Psychology 211E Psychological Statistics—Part 2**

Prerequisite, PSY 210E

3 credits

An intermediate course in inferential statistics, emphasizing such techniques as the analysis of variance and t-tests. Carries lab fee.



It is suggested that the following courses not be rostered without the prior approval of the Department Chair.

**Psychology 306E Tests and Measurements**

Prerequisite, PSY 210E or equivalent.

3 credits

The selection, administration and interpretation of psychological tests used in the measurement of aptitudes, achievement, interests and personality.

**Psychology 315E Abnormal Psychology**

3 credits

An introductory course surveying the principal forms of the major and minor mental disorders, with emphasis on the causes, symptoms, course and treatment. An analysis of the overall problem of mental illness and a study of certain borderline personality and behavioral patterns and other forms of psychological deviation. Usually offered Fall semesters.

**Psychology 319E Experimental Psychology—Part 1**

Prerequisites, PSY 210E and 211E

4 credits

A laboratory course designed to introduce the student to the classical psychological experiments and to provide training in the methods of experimental design and research. Experiments on the sensory processes, perception, learning, memory, thought processes and emotions. Carries lab fee.

**Psychology 320E Experimental Psychology—Part 2**

Prerequisite, PSY 319E

4 credits

Lectures and discussions on modern experimental psychology. For laboratory work the student plans, designs and performs an original research experiment. Carries lab fee.

**Psychology 325E Readings in Psychology**

3 credits

Readings from basic books and periodicals having relevance for the broad field of psychology; assignments discussed in seminar fashion at one meeting each week.

**Psychology 330E Cognitive Psychology**

Prerequisite, PSY 201E

3 credits

A systematic study of the research and theories developed to explain human memory, language, thinking and consciousness.

**Psychology 340E Methodology for Studies and Research**

Prerequisite, PSY 210E

3 credits

The nature of scientific research methodology; emphasis on critical reading and evaluating reports of studies and research; development of skill in writing review papers; utilization of research literature in the behavioral sciences; data analysis and critiques of extant research.

**Psychology 350E Effective Communication**

3 credits

A deepening understanding of, and personal growth experiences in the art of interpersonal communication. Attention given to listening and empathy, discussions and decision making, confrontation and conflict management, attitudinal systems and Gestalt, verbal and non-verbal communication, creative goal-setting, individual and social growth. Usually offered Fall and Spring semesters.

**Psychology 360E Industrial Psychology**

3 credits

A study of those psychological principles, methods and techniques which are especially relevant to an understanding of human relations and efficiency in business and industry.

**Psychology 364E Social Psychology**

3 credits

A study of the facts and theories dealing with the phenomena of social behavior. Focuses on individual behavior as it affects and is affected by the behavior of others.

**Psychology 406E Counseling Theories and Principles**

3 credits

Theories and principles of the counseling process; the dynamics of human change; the objectives, work and continuing problems of counseling.

**Psychology 407E Theories of Learning**

Prerequisite, PSY 201E

3 credits

An analysis of the principal theories of learning in light of recent experiments in animal and human learning.

**Psychology 408E Theories of Personality**

3 credits

A systematic study of the principal theories of personality with particular emphasis on recent trends, research methodology and personality measurement.

**Psychology 420E Physiological Psychology**

Prerequisite, PSY 201E

3 credits

An introduction to the neurological endocrinological bases of behavior. Consideration of sensory and motor processes, motivation and emotion, learning and memory. Carries lab fee.

**Psychology 460E Human Factors Engineering**

Prerequisites, PSY 210E or equivalent and PSY 360E

3 credits

Course deals with the study of the individual and one's working environment, and with the application of this knowledge to practical problems encountered in the home, business and industry.

**Psychology 464E Attitude Measurements**

Prerequisites, PSY 319E or 340E and CSC 151E

3 credits

Development and application of attitude scales designed for group testing and an introduction to computing social science data with the Statistical Package for the Social Sciences (SPSS), as applied to consumer behavior.

**Psychology 470E, 471E Special Topics in Psychology**

3-6 credits

Content will vary each semester and will cover such topics as family psychology, alcoholism and drug addiction, prejudice, mob action, and attitude change. Prerequisite varies with the topic.

**Psychology 485E-486E Psychological Practicum**

3-6 credits

Offers the student the option of conducting a research project under the direction of a faculty member or of obtaining practical experience serving in an institutional setting under professional supervision. Open only to senior psychology majors in consultation with Department Chair. Available every semester.

**PUBLIC ADMINISTRATION**

Major is titled Political Science/Public Administration. Course listings are under the Political Science Department.

**QUANTITATIVE ANALYSIS****Quantitative Analysis 213E Introduction to Business Statistics**

Prerequisite, MTH 112E

3 credits

Basic statistical methods used in the analysis of business and economic decision problems. Emphasis on valid applicability of techniques, sound interpretation of statistical results, as well as successful execution of statistical methods. Topics include: descriptive statistics, both graphical and numerical; probability and probability distributions; sampling distributions; statistical estimation and hypothesis testing; and simple regression and correlation. Students will be introduced to a microcomputer statistical software package. Identical with ECN 213E. Usually offered Fall semester.

**Quantitative Analysis 215E Statistical Information Systems**

Prerequisites, CSC 151E and QNT 213E

3 credits

Information systems and computer-based statistical analysis, covers the role of information systems within the organization and its use in application with statistical analysis. Information systems topics include: the systems development process; advanced systems analysis and design; and fundamentals and components of database management systems. Statistics topics include: simple regression and correlation; multiple regression; and time series analysis. Students will be introduced to various micro-computer based statistical packages within the information systems environment.

**Quantitative Analysis 302E Statistical Quality Assurance**

Prerequisites, QNT 213E, 215E, junior standing

3 credits

Control charts for variable and attributes, acceptance sampling plans; costs of quality.

## RELIGION

Department Chair: James E. Biechler, Ph.D.

The La Salle University Evening Division, in keeping with its philosophy and objectives, requires each student to take two courses in religious studies as part of the general education requirements. The Religion Department offers the courses listed here to fulfill the general education requirement. Any 2 of these courses will fulfill the requirement.

*Note:* In the academic year 1988/89, Foundation Courses may be used to fulfill General Education Requirements in the Evening Division curriculum in Writing and Literature, in Philosophy, and in Religion.

### FOUNDATION COURSES

#### **Religion 151E The Bible**

3 credits

A study of the foundational religious literature of Jews and Christians; its origins and growth; the history and the religious and theological ideas of the people who produced these writings, and the Near-Eastern cultures and literature which contributed to them. (Formerly, REL 161E Bible As Religious Literature)

#### **Religion 152E Catholicism in the Modern World**

3 credits

A historical and theological introduction to the study of Catholicism as it shapes and is shaped by the social, economic, political, and religious contexts of the late twentieth century. Selected contemporary issues facing Catholicism will be studied in light of the history of the issue and current theological thought. (Formerly, REL 167E)

#### **Religion 153E The Dynamics of Religion**

3 credits

A study of the diverse patterns of thought, behavior, and social structures which express human religious experience. Designed to foster an understanding of the importance of religion in society, in social change, and in personal identity and transformation. (Formerly, REL 163E.)

### GENERAL EDUCATION COURSES

#### **Religion 164E Religion and the Contemporary Search for Self**

3 credits

An inquiry into the contemporary meaning of self-discovery, seen in the context of those socio-religious values which contribute to an individual's sense of personal identity. A study of religion as an expression of the deepest dimension of human life leading to an appreciation of the possible variety of such expressions in terms of personal self-understanding. Usually offered Fall semesters.

#### **Religion 165E The Religious Vision of Modern Literature**

3 credits

Religious presuppositions and attitudes underlying and shaping modern literature. The ways in which questions raised by modern authors relate to answers traditionally found in religious faith. Selections studied include Dostoyevsky, Beckett, Kafka, Eliot and Camus. Usually offered Spring semesters.

#### **Religion 166E Religions of the East**

3 credits

The living religions of the world that lie outside the Judaeo-Christian tradition, in particular, Hinduism, Buddhism, Confucianism, Taoism and Islam; their sacred literatures, historical origins and development, basic beliefs and religious practices. Usually offered Spring semesters.

### BIBLICAL STUDIES

#### **Religion 210E Old Testament Themes**

3 credits

The origin and development of Biblical traditions and theological themes: God, humanity, the meaning of life, the Exodus theme, prophecy, etc., studied in both their Old Testament context as well as their relation to the New Testament.



**Religion 212E The Prophets of Ancient Israel** 3 credits  
Prophecy and prophetic literature in the Bible. Prophecy as an institution in the Near East; its unique development in Israel. Theological message of the biblical prophets.

**Religion 213E Theology of the New Testament** 3 credits  
General historical background of New Testament times, with special emphasis on those factors that most contributed to the formation of New Testament literature. The literary forms found in New Testament literature, gospel, letters, apocalypse, etc. With this as background, the course undertakes an in-depth study of one of the gospels or a major epistle of St. Paul.

## THEOLOGICAL STUDIES

**Religion 220E The Church: Contemporary Issues and Problems** 3 credits  
Inquiry into the life and structure of Christian community. The psychological and theological factors which bring people together to constitute "Church." The Church as eschatological community in relation to Christ. A study of those ideas most generally attributed to Church: unity and catholicity, organization, ministry and mission.

**Religion 221E Contemporary Christology** 3 credits  
Survey of the post-Biblical developments concerning the person and mission of Jesus, with emphasis on the contemporary attempt to reinterpret Jesus as Man and God.

**Religion 222E The Sacraments** 3 credits  
Inquiry into the origin and development of the Christian symbols highlighting some of the problems of modern sacramental theology.

**Religion 223E Contemporary Moral Problems** 3 credits  
Comprehensive examination of selected moral issues of current interest: violence, war, love, freedom, situation ethics, abortion, euthanasia, human values, sin, genetic engineering, etc.

**Religion 225E Marriage and Sexuality: Religious Perspectives** 3 credits  
Religious aspects of love, marriage, sexuality and family life in Biblical and non-Biblical traditions. (Formerly, REL 325E "Contemporary Theology of Marriage".)

**Religion 323E Biomedical Problems** 3 credits  
Study/discussion of selected ethical dilemmas arising from recent advances in health care technology and delivery.

## HISTORICAL STUDIES

**Religion 334E Modern Religious Thought** 3 credits  
A critical examination of the great religious movements of the 19th and 20th centuries that have most contributed to the present religious situation. The encounter between Christian thought and philosophy and natural science. The confrontation between Existentialism and religious Idealism; the Oxford Movement; the Marxist critique of religion; the origins of biblical criticism; and the clash between conservatism and liberalism in Protestant and Catholic Church circles. (Formerly, REL 332E)

**Religion 336E Religion in America** 3 credits  
A study of the major religious movements within the Roman Catholic and Protestant churches in the United States from the American Revolution to the present day. Theological implications for the churches of such movements as the American Revolution, the Great Awakening, the Abolitionist Movement, the Civil War, the Gospel of Wealth, the Great Depression, World War II, Vatican II, and the nuclear threat. (Formerly, REL 230E.)

## RELIGIOUS STUDIES

**Religion 240E The Great Religions of the World** 3 credits  
A survey of the great world religions: Judaism, Christianity, Islam, Hinduism, Buddhism, Confucianism and Taoism. Topics to be covered: world view, basic doctrines and practices, major figures, the role of women, and impact on contemporary world culture. Readings from the scripture of each tradition, as well as secondary sources.



**Religion 244E Women and Religion**

3 credits

The influence of religion through history in the shaping and legitimization of women's roles and identity. The religious experience of women, and the extent to which feminine religiousness and holiness might be different. The recovery or refashioning of leadership roles. The feminist critique of "patriarchal" religion and theology; the consequent alternatives of disaffiliation or reconstruction.

**Religion 251E Religious Education**

3 credits

Designed primarily for parents and teachers, the course deals with the practical problems encountered in guiding the intellectual and moral development of the young Christian. Workshop sessions as well as theoretical materials in lecture and discussion.

**Religion 342E Judaism**

3 credits

A study of the historical origin, roots, and developments of Judaism as a religion, as well as a cultural, civil, and ethnic group. The course will evaluate Jewish social and educational values as well as religious problems and attitudes among Jews today. (Formerly, REL 242E.)

**SPECIAL STUDIES****Religion 270E Special Topics in Religion**

3 credits

Content of course will be announced whenever it is offered. May be repeated for credit.

**RISK MANAGEMENT AND INSURANCE CONCENTRATION**

**Coordinator: Kathleen A. McNichol, M.B.A.**

Required for Concentration in Risk Management and Insurance: (6 courses required)

- Non-business majors: at least 3 RMI courses.
- Business majors: at least 4 RMI courses.
- RMI 301E, 302E, 311E, 312E, 313E, 314E, 420E.
- ACC 101E; FIN 300E; LAW 202E; QNT 213E.

**RMI 301E Fundamentals of Risk and Insurance**

Prerequisite, junior standing

3 credits

Introduction to the underlying principles, practices, and the legal aspects of risk management and insurance; survey of personal lines such as auto, homeowners, life, health, and commercial lines coverage including fire, marine, fidelity and corporate surety, workers' compensation, business interruption.

**RMI 302E Introduction to Life Insurance**

Prerequisite, junior standing

3 credits

The problems of alternative techniques for insuring of human life values considered from the differing viewpoints of the company, the economy, and the consumer. Financial needs in the life cycle of the family; elements of business insurance, such as group life insurance; mortality; underwriting; Rate determinations and reserves.

**RMI 311E Health Care Insurance**

Prerequisite, junior standing

3 credits

An interdisciplinary approach to the techniques and problems of financing health care with emphasis on prepayment devices, including medical insurance benefit systems, Blue Cross-Blue Shield prepayment plans, independent prepayment plans, and medical expense benefits through social insurance and social welfare programs. Effects of financing methods on the availability, quality, and planning of health care explored.

**RMI 312E Commercial Property and Liability Contracts**

Prerequisite, RMI 301E

3 credits

Detailed examination of the major commercial policies and forms. Included are business interruption and extra expense coverage, ocean and inland marine, crime, liability, auto and workers' compensation policies along with bonding.

**RMI 313E Pension Planning**

Prerequisites, RMI 301E or 302E, and FIN 300E

3 credits

An examination of private pension plans, including historical background, regulatory environment, benefits and costs. Topics include costs computation methods, benefits formulae, inflation impact, plan membership profile, accounting and tax considerations, and management of fund assets including portfolio considerations. Profit sharing plans and individual retirement plans are also covered. (Identical to FIN 313E)

**RMI 314E Risk Management**

Prerequisites, RMI 301 and QNT 213 (or equivalent)

3 credits

Designed to acquaint the student with the nature of risk management and the role of the risk manager in business or governmental organizations. Emphasis on risk analysis and control functions: recognition, measurement and treatment. Historical and forecast financial statements are scrutinized for the purpose of risk identification. (Identical to FIN 314E)

**RMI 420E Financial Management of the Insurance Firm**

Prerequisites, RMI 301E or 302E and FIN 300

3 credits

A functional course emphasizing the interrelationships among underwriting, investment, regulation and other aspects of insurance company and insurance agency operations. Computer models of a property-liability insurer and a life insurer are used to demonstrate effective financial management of the insurance firm. (Identical to FIN 420E)

## **SOCIOLOGY AND CRIMINAL JUSTICE**

**Department Chair: Finn Hornum, M.A.**

Required for Major in Sociology: 12 courses

Required for Major in Criminal Justice: 14 courses

**General Sociology**

- Sociology 150E, 301E, 302E, 310E, 480E, 481E, three controlled electives in Sociology at the 200 or 300 level
- Three controlled electives in Sociology, Criminal Justice or Social Work.

**Criminal Justice**

- Sociology 150E, 301E, 302E, 310E, two controlled electives in Sociology at the 200 or 300 level
- Criminal Justice 221E, 222E, 385E, 487E, 488E and three controlled electives in Criminal Justice

*Note:* In the Academic year 1988/89, Foundation Courses in Biology, Chemistry, Geology, History, Political Science, Psychology, and Sociology may be used to fulfill Distribution Requirements or as electives in the Evening Division Curriculum.

## **FOUNDATION COURSES**

**Sociology 150E The Social Basis of Human Behavior**

3 credits

An introduction to the structure and functioning of society with emphasis on American society but with cross cultural comparisons. Theoretical concepts, empirical findings, and research methods are stressed. (Formerly, SOC 101E.)

**Sociology 151E Social Conflict and Social Problems**

3 credits

An exploration of how social conflict and social organization affect human well-being and of social justice. Topics: mental health, personal safety, economic well-being, and intergroup relations in an industrial society and a developing nation. (Formerly, SOC 102E.)

**Sociology 111E Marriage and Family**

3 credits

Study of marriage and the family as social institutions. Consideration of the historical development of the family, variations of family structure in contemporary societies and current trends in American family patterns.

**Sociology 203E Sociology of Work**

3 credits

Analysis of the social organization of work in modern societies, the concept of career, the development of professionalization, the nature of work-satisfaction and the impact of bureaucratization. Occupational subcultures such as law, medicine, public service, the military and education considered.

**Sociology 207E The City: Conflict and Change**

3 credits

A study of world cities, their growth and impact on personality, urban violence and its control, fragmentation, economic problems and city/suburban conflicts. Efforts at neighborhood development and metropolitan planning will also be discussed.

**Sociology 210E Sex, Power, and Socialization**

3 credits

Exploration of male and female gender roles in the contemporary United States. Examination of socialization in childhood and adulthood, sexual politics, and power structures and dynamics within the family. Special attention to the effects of class and race on gender role formation.

**Sociology 212E Ethnicity and Race in the United States**

3 credits

Analysis of the structure and dynamics of dominant/minority relations in historical and contemporary contexts. Emphasis on the sociological analysis of ethnic and racial discrimination and inquiry into the sources of conflict between dominant and minority groups.

**Sociology 213E Human Nature, Culture and Society**

3 credits

Anthropological study of the origin and descent of humans and of the role of culture in explaining the variations and constants in human behavior.

**Sociology 301E Social Statistics, 1**

3 credits

General introduction to such descriptive statistics as central tendency measures, variability and regression. Analysis of cross-tabulated data will be facilitated through the use of computer software programs. No prior knowledge of computers assumed.

**Sociology 302E Social Statistics, 2**

Prerequisite, SOC 301E

3 credits

Inferential statistics beginning with a discussion of probability, binomial distributions and normality. Both parametric and non-parametric statistics covered. Continued use of computer technology in the analysis of survey research results as well as those collected using qualitative methodologies.

**Sociology 305E Society and the Individual**

Prerequisite, SOC 150E or 151E

3 credits

Study of the influence of society and culture as mediated by the social group, on the social, cultural and personal behavior of the individual.

**Sociology 306E Bureaucracy and Society**

Prerequisite, SOC 150E or 151E

3 credits

Examination of the nature and effects of modern, large-scale organizations. Focus on both private sector corporations and public sector bureaucracies.

**Sociology 308E Class, Status and Power**

Prerequisite, SOC 150E or 151E

3 credits

A study of economic, social and political inequalities. Emphasis on the causes, patterns and consequences of such inequalities. The United States compared with other industrial as well as non-industrial nations.

**Sociology 309E Health and Society**

3 credits

Basic survey of how individuals are socialized to think about, and are treated by those in the health professions. A cross-national perspective will be assumed. Topics include: malpractice, population control, human experimentation, deviance and stigmatization.

**Sociology 310E Sociological Theory**

Prerequisite, SOC 150E or 151E

3 credits

Survey of the development of social thought from August Comte to contemporary theorists. An attempt to see the evolution of social theory within the social context of the theorist's milieu.

**Sociology 480E Research Seminar, 1**

3 credits

Overview of research methodology. Such research data collection methods as questionnaire designs, interviewing and observations discussed. Topics include the ethics of human experimentation and evaluation techniques.

**Sociology 481E Research Seminar, 2**

3 credits

Original research in one area of social reality employing a research method of the student's choosing.

**Criminal Justice 220E Juvenile Delinquency**

3 credits

Juvenile delinquency in comparative-historical perspective; study of the nature, magnitude and social location of the problem of youth crime; analysis of causal theories; overview of programs aimed at delinquency prevention and control.

**Criminal Justice 221E Crime and Its Causes**

3 credits

A study of the sociological and social psychological foundations of crime and delinquency. Topics include the definition and meaning of crime and delinquency, the etiology of crime and delinquency, the history and development of the criminal law, criminal behavior systems.



**Criminal Justice 222E Introduction to Criminal Justice**

3 credits

A consideration of law enforcement, the administration of justice and the punishment and treatment of criminals. A survey of the sociological and social psychological processes affecting the criminal justice system. Topics include the police function, crime prevention programs, the prosecutorial and defense functions, judicial administration and decision-making, institutional and community-based corrections, probation and parole.

**Criminal Justice 223E Criminal Law\***

3 credits

Designed to expose the student to the basic concepts and issues of criminal law: foundations of the law, legal elements of crime, legal requirements for defenses and punishments. The Pennsylvania Crimes Code used as reference. Attention to the sociological implications of these legal issues.

**Criminal Justice 225E Criminal Procedure**

3 credits

Designed to acquaint the student with the variety of constitutional issues related to the criminal justice process. Case analysis deals with such issues as search and seizure, stop and frisk, arrest, confessions, right to counsel, jury trials, and other recent decisions.

**Criminal Justice 324E Police: Organization and Functions**

3 credits

A study of the organization, power and functions of the police. Topics include the police organizational structure, such police responsibilities as patrol, arrest and investigation, police community relations and other topical issues on police and society. (Formerly SOC 224E.)

**Criminal Justice 326E Corrections: Prisons, Probation and Parole**

Intensive study of the correctional process in the U.S. and other countries. Topics include objectives of punishment, sentencing policies and procedures, capital punishment, imprisonment and community corrections. (Formerly SOC 226E.)

**Criminal Justice 385E Theories of Deviance**

3 credits

Intensive analysis of contemporary theories of deviant behavior examined through seminar discussions of primary materials and critiqued by consideration of research findings. Social policy implications discussed and specific criminal justice programs considered in the light of these theories.

**Criminal Justice 386E Systems of Criminal Behavior**

3 credits

Selected criminal behavior systems examined in depth through readings, group projects and field interviews. Offerings include such forms of criminal behavior as organized crime, elite deviance, violent crime, crimes without victims, victimology and international terrorism.

**Criminal Justice 415E Criminal Justice Counseling**

3 credits

Acquaints the student with the principles and practices of individual and group counseling techniques in the criminal justice field. Group dynamics and counseling approaches presented through class lectures, discussions and participation in the group experience. Special emphasis on the applicability of techniques and principles to the offender population.

**Criminal Justice 487E-488E Seminar in Criminal Justice Research and Practice**

Prerequisites, CRJ 221E or 222E or permission of the instructor.

3-6 credits

Designed to provide the criminal justice practitioner with an opportunity to examine the functioning of the criminal justice system through field research and seminar sessions in theory. Emphasis will be given to problems of administration, clinical practice, research and planning.

**CREDIT FOR POLICE ACADEMY TRAINING**

Any student admitted to La Salle University as of January 1, 1976 or later, is eligible to apply for six credits toward his/her degree if he/she has been certified as having completed a police academy training or its equivalent, subject to the approval of the Sociology Department. Three elective credits may be granted as equivalent to Criminal Justice 223E Criminal Law and three elective credits may be granted as equivalent to Criminal Justice 415E, Criminal Justice Counseling.

Any student majoring in Sociology-Criminal Justice may also apply for three credits toward fulfillment of the Criminal Justice 487E-488E Seminar in Criminal Justice Research and Practice provided he/she has completed the training mentioned above and has successfully completed the other half of the Criminal Justice 487E-488E course.

**SPANISH**

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# DIRECTORY

*The following offices can be reached directly by dialing 951 and the four digit extension:*

Admissions Office-Evening Div. and Summer Sessions	College Hall 110	1234
Advisement Center	College Hall 110	1238
Art Museum	Olney Hall-Lower Level	1221
Athletic & Recreation Dept.	Hayman Hall	1515
Bursar's Office	College Hall 101	1055
Campus Ministry	College Hall-Lower Level	1048
Campus Store-Main Store	Union 1st Floor	1395
Campus Store-Textbook Sales	East Stands	1397
Career Planning & Placement Office	1923 W. Olney Ave.	1075
CLEP Center Administration	College Hall 110	1237
Computer Center	College Hall 216	1045
Continuing Education for Women	College Hall 110	1060
Dean, Evening Division and Summer Sessions	College Hall 110	1240
Director, Off-Campus Programs	College Hall 110	1237
Financial Aid Office	Benilde Hall-1st Floor	1070
Library-Main	Library	1292
Lost and Found	Union Bldg. Office	1375
Nursing Program	Wister Hall M-10	1430
Registrar	College Hall 107	1020
Security	Belfield Estate Carriage House	1310
Union Director's Office	Union-1st Floor	1375
Urban Study Center	5501 Wister St.	1577
Off-Campus Centers:		
La Salle/Bucks (Monday through Thursday 5:30 to 9:00 p.m.)		672-7293
La Salle/Northeast (Monday through Thursday 6:00 to 10:00 p.m.)		632-3449
La Salle on the Parkway (Monday through Thursday 5:30-9:00 p.m.)		665-0594





# **La Salle University**

**Evening Division**

**Bulletin 1988-89**

**(USPS 299-980)**

**Philadelphia, Pennsylvania 19141**

SECOND CLASS  
POSTAGE PAID  
PHILADELPHIA, PA